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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1708***
	For each additional sheet over 30	**$19**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1708 $***
	Pour chaque feuille au delà de 30	**19 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
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5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 24, 2018 contains applications open to public inspection from April 8, 2018 to April 14, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 avril 2018 contient les demandes disponibles au public pour consultation pour la période du 8 avril 2018 au 14 avril 2018.

16. Erratum

The information concerning application number 2,920,097 referred to under the section *Canadian Patent Issued* of the *Canadian Patent Office Record* of August 9^{th}, 2016 was incorrect. Please note that no Canadian Patent was issued under this number.

16. Erratum

Les renseignements concernant la demande 2,920,097 sous la rubrique *Brevets canadiens délivrés* de la *Gazette du Bureau des brevets* du 9 août 2016 sont inexacts. Veuillez noter qu'aucun brevet canadien n'a été émis sous ce numéro.

Canadian Patents Issued

April 24, 2018

Brevets canadiens délivrés

24 avril 2018

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[25] EN
[54] **APPARATUS AND METHOD FOR THE MOBILE VISUAL DISPLAY AND MODIFICATION OF BED MANAGEMENT INFORMATION AND PATIENT PLACEMENT INFORMATION**
[54] **DISPOSITIF ET METHODE D'AFFICHAGE MOBILE, ET DE MODIFICATION DE L'INFORMATION DE GESTION DES LITS ET DE L'INFORMATION DE PLACEMENT DES MALADES**
[72] NACEY, GENE E., US
[73] TELETRACKING TECHNOLOGIES, INC., US
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[54] **SPERM CELL PROCESS SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE CELLULE SPERMATIQUE**
[72] LINDSEY, ALLISON C., US
[72] SCHENK, JOHN L., US
[73] XY, LLC, US
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[54] **METHOD OF IN VITRO DIFFERENTIATION OF NEURAL STEM CELLS, MOTOR NEURONS AND DOPAMINE NEURONS FROM PRIMATE EMBRYONIC STEM CELLS**
[54] **PROCEDE DE DIFFERENTIATION IN VITRO DE CELLULES SOUCHES NEURONALES, DE NEURONES MOTEURS ET DE NEURONES DE DOPAMINE PROVENANT DE CELLULES SOUCHESEMBRYONNAIRES DE PRIMATES**
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[72] THOMSON, JAMES A., US
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[54] **IN VITRO TECHNIQUES FOR OBTAINING STEM CELLS FROM BLOOD**
[54] **TECHNIQUES IN VITRO SERVANT A OBTENIR DES CELLULES SOUCHES A PARTIR DU SANG**
[72] FULGA, VALENTIN, IL
[72] PORAT, YAEL, IL
[72] BELKIN, DANNY, IL
[72] SHIMONI-ZALK, DAPHNA, IL
[72] POROZOV, SVETLANA, IL
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[25] EN
[54] **COMPOSITION COMPRISING AN ADENO-ASSOCIATED VIRUS VECTOR HAVING A SEROTYPE 1 CAPSID FOR USE IN TREATING LYSOSOMAL STORAGE DISEASES OR ALZHEIMER'S DISEASE**
[54] **COMPOSITION RENFERMANT UN VECTEUR DE VIRUS ADENO-ASSOCIE COMPORTANT UNE CAPSIDE SEROTYPE 1 DESTINEE AU TRAITEMENT DE MALADIES LYSOMALES OU DE LA MALADIE D'ALZHEIMER**
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[72] DODGE, JAMES, US
[72] STEWART, GREGORY R., US
[73] GENZYME CORPORATION, US
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[54] **METHOD FOR USING AN ALL SOLID-STATE FLUOROMETER IN MONITORING AND CONTROLLING CHEMICALS IN WATER**
[54] **PROCEDE D'UTILISATION D'UN FLUOROMETRE ENTIEREMENT TRANSISTORISE DANS LA SURVEILLANCE ET LE CONTROLE DES SUBSTANCES CHIMIQUES PRESENTES DANS DE L'EAU**
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[54] **NOUVEAUX ANTICORPS ANTI IGF-IR ET LEUR UTILISATION**
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[54] **NUCLEIC ACID AMPLIFICATION METHOD USING PRIMER EXHIBITING EXCITON EFFECT**
[54] **METHODE D'AMPLIFICATION D'ACIDE NUCLEIQUE AU MOYEN D'UN AMORCEUR PRESENTANT UN EFFET D'EXCITON**
[72] HAYASHIZAKI, YOSHIHIDE, JP
[72] OKAMOTO, AKIMITSU, JP
[72] LEZHAVA, ALEXANDER, JP
[72] KOGO, YASUSHI, JP
[73] RIKEN, JP
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[54] **SYSTEME ET METHODE POUR ROUTAGE SANS FIL DE DONNEES A PARTIR D'UN AERONEF**
[72] ECKERT, RICHARD J., US
[72] PREWETT, ADAM, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR THE USE IN MODULATION OF MICRORNAS**
[54] **COMPOSES OLIGOMERES ET COMPOSITIONS UTILISES POUR MODULER LES MICRO-ARN**
[72] ESAU, CHRISTINE, US
[72] SWAYZE, ERIC E., US
[72] BHAT, BALKRISHEN, US
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[54] **PROCESSING FISH INCLUDING ROTATION THEREOF**
[54] **SYSTEME DE TRAITEMENT DE POISSON COMPRENANT LA ROTATION DE CELUI-CI**
[72] GOODRICK, BRUCE, AU
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[54] **METHODS AND APPARATUS FOR IDENTIFYING DISEASE STATUS USING BIOMARKERS**
[54] **PROCEDES ET DISPOSITIFS POUR IDENTIFIER UN ETAT PATHOLOGIQUE EN UTILISANT DES BIOMARQUEURS**
[72] GRIMES, F. RANDALL, US
[73] PROVISTA DIAGNOSTICS, LLC, US
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[25] EN
[54] **CORN PLANT AND SEED CORRESPONDING TO TRANSGENIC EVENT MON89034 AND METHODS FOR DETECTION AND USE THEREOF**
[54] **PLANT ET SEMENCE DE MAIS CORRESPONDANT AU PRODUIT TRANSGENIQUE MON89034, PROCEDES DE DETECTION ET UTILISATION ASSOCIES**
[72] ANDERSON, HEATHER, US
[72] DOUGLAS, JENNIFER, US
[72] GROAT, JEANNA, US
[72] JOHNSON, SCOTT, US
[72] KELLY, REBECCA, US
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[72] RICE, JAMES, US
[73] MONSANTO TECHNOLOGY, LLC, US
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[54] **MATERIALS FOR USE WITH INTERCONNECTS OF ELECTRICAL DEVICES AND RELATED METHODS**
[54] **MATERIAUX POUR UNE UTILISATION AVEC DES INTERCONNEXIONS DE DISPOSITIFS ELECTRIQUES ET PROCEDES LIES**
[72] MARCZI, MICHAEL T., US
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[72] DE MONCHY, MICHIEL A., NL
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[72] MOIST, STANFORD C., US
[73] HUBBELL INCORPORATED, US
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[54] **STABLE DIGESTIVE ENZYME COMPOSITIONS**
[54] **COMPOSITIONS STABLES A BASE D'ENZYMES DIGESTIVES**
[72] ORTENZI, GIOVANNI, IT
[72] MARCONI, MARCO, IT
[72] MAPELLI, LUIGI, IT
[73] APTALIS PHARMA LIMITED, IE
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[54] **INSULATED MODULAR BUILDING FRAME**
[54] **BATI DE CONSTRUCTION MODULAIRE ISOLE**
[72] BONDS, DELTON J., US
[73] ISSI HOLDING COMPANY, LLC, US
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[25] EN
[54] **CLAMPING ELEMENT FOR FITTING ON A CLAMPING TONGUE OF A GRIPPER AS WELL AS GRIPPER FITTED WITH SUCH A CLAMPING ELEMENT**
[54] **ELEMENT DE SERRAGE ADAPTABLE SUR UNE LANGUETTE DE SERRAGE DE PINCE ET PINCE AINSI EQUIPEE**
[72] MAEDER, CARL CONRAD, CH
[73] FERAG AG, CH
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[54] **CONTROLLED-SOURCE ELECTROMAGNETIC SURVEY METHOD**
[54] **METHODE DE SONDAGE ELECTROMAGNETIQUE A SOURCE CONTROLEE**
[72] HORNBOSTEL, SCOTT C., US
[72] GREEN, KENNETH E., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **ENVIRONMENTALLY RESISTANT BALLISTIC COMPOSITE BASED ON A FLUOROCARBON-MODIFIED BINDER**
[54] **COMPOSITE BALISTIQUE QUI RESISTE A L'ENVIRONNEMENT A BASE DE LIANT MODIFIE PAR FLUOROCARBONE**
[72] ARDIFF, HENRY G., US
[72] KLEIN, RALF, US
[72] HURST, DAVID A., US
[72] BHATNAGAR, ASHOK, US
[72] ARVIDSON, BRIAN D., US
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[73] HONEYWELL INTERNATIONAL INC., US
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[72] BESECKER, BRET JOSEPH, US
[72] PARSONS, JAY, US
[72] RAMACHANDRAN, ANANTHA NARAYANAN, US
[73] CATALINA MARKETING CORPORATION, US
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[54] **PAPILLOMAVIRUS PSEUDOVIRUSES FOR DETECTION AND THERAPY OF TUMORS**
[54] **PSEUDOVIRUS DE PAPILLOMAVIRUS POUR DETECTION ET THERAPIE DE TUMEURS**
[72] ROBERTS, JEFF, US
[72] LOWY, DOUGLAS R., US
[72] SCHILLER, JOHN T., US
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[25] EN
[54] **SEQUENCE BASED ENGINEERING AND OPTIMIZATION OF SINGLE CHAIN ANTIBODIES**
[54] **INGENIERIE BASEE SUR LES SEQUENCES ET OPTIMISATION D'ANTICORPS MONOCATENAIRES**
[72] BORRAS, LEONARDO, CH
[72] URECH, DAVID, CH
[73] ESBATECH, AN ALCON BIOMEDICAL RESEARCH UNIT LLC, CH
[85] 2009-11-26
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[54] **PATIENT-SPECIFIC MEDICATION DISPENSING AND NOTIFICATION SYSTEM**
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[72] BROWN, BARRY ARTHUR, US
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[25] EN
[54] **AN ABRASIVE WHEEL COMPRISING A FAN-LIKE STRUCTURE**
[54] **MEULE ABRASIVE DOTEE D'UNE STRUCTURE EN ACCORDEON**
[72] SCHUDEL, WERNER, CH
[73] J. WALTER COMPANY LTD., CA
[86] (2690596)
[87] (2690596)
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[54] **SYSTEM AND METHOD FOR OPTIMIZING THE DE-IDENTIFICATION OF DATASETS**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE RE-IDENTIFICATION DE JEUX DE DONNEES**
[72] EL EMAM, KHALED, CA
[72] ISSA, ROMEO, CA
[72] DANKAR, FIDA, CA
[73] PRIVACY ANALYTICS INC., CA
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[25] EN
[54] **AN ANTIGEN ASSOCIATED WITH LUNG CANCERS AND LYMPHOMAS**
[54] **ANTIGENE ASSOCIE AUX CANCERS DU POUMON ET AUX LYMPHOMES**
[72] NERI, DARIO, CH
[72] VILLA, ALESSANDRA, CH
[72] TRACHSEL, EVELINE, CH
[72] RYBAK, JASCHA-NIKOLAI, CH
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[54] **SMART IDENTITY SYSTEM**
[54] **SYSTEME D'IDENTITE INTELLIGENT**
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[72] KOLEBUCK, PAUL, US
[72] NIX, GAYLE, US
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[25] EN
[54] **METHOD AND KIT FOR QUANTITATIVELY DETERMINING SMALL, DENSE LDL CHOLESTEROL**
[54] **PROCEDE ET KIT DE QUANTIFICATION DE PETITES PARTICULES DENSES DE CHOLESTEROL LDL**
[72] ITOH, YASUKI, JP
[72] FUJIMURA, MIKI, JP
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[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **METHOD AND DEVICE FOR LOW-ENERGY TERMINATION OF ATRIAL TACHYARRHYTHMIAS**
[54] **PROCEDE ET DISPOSITIF POUR METTRE FIN A DES TACHYARYTHMIES AURICULAIRES AVEC UNE FAIBLE ENERGIE**
[72] EFIMOV, IGOR, US
[72] RIPPLINGER, CRYSTAL M., US
[72] FEDOROV, VADIM V., US
[72] FOYIL, KELLEY V., US
[72] AMBROSI, CHRISTINA, US
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[54] **SYSTEMES, PROCEDES ET LOGICIEL POUR LA RESOLUTION DE RELATIONS ENTRE ENTITES**
[72] CONRAD, JACK G., US
[72] DOZIER, CHRISTOPHER C., US
[72] VEERAMACHANENI, HARSHA, US
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[54] **SYSTEME ET METHODE DE COMMANDE D'EPURATEUR DE TREMPAGE SOUS ENTRAINEMENT IMPORTANT**
[72] DINU, CONSTANTIN, US
[72] GULKO, GEORGE, US
[72] CORRY, JUDETH BRANNON, US
[72] JIMENEZ-HUYKE, ALLYSON JOY, US
[72] ZHAO, RICHARD L., US
[72] RICO, DENISE MARIE, US
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[54] **COMPOSITIONS DE BOUES A BASE DE SOLVANT POUR LA FABRICATION DE REVETEMENTS DE BARRIERE ENVIRONNEMENTALE ET REVETEMENTS DE BARRIERE ENVIRONNEMENTALE Y FAISANT APPEL**
[72] KIRBY, GLEN HAROLD, US
[72] BOUTWELL, BRETT ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEMS AND METHODS FOR RECORD LINKAGE AND PARAPHRASE GENERATION USING SURROGATE LEARNING**
[54] **SYSTEMES ET PROCEDES POUR LE COUPLAGE D'ENREGISTREMENTS ET GENERATION DE PARAPHRASES A L'AIDE D'UN APPRENTISSAGE DE SUBSTITUTION**
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[54] **COMPOSITION D'HUILE ET METHODE DE PRODUCTION CONNEXE**
[72] BOOTSMA, JASON, US
[73] POET RESEARCH, INC., US
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[54] **POINTE DE DISSECTION ET INTRODUCTEUR POUR INSTRUMENT CHIRURGICAL**
[72] BEARDSLEY, JOHN W., US
[72] KOSTRZEWSKI, STANISLAW, US
[72] MAFFEI, FRANK C., US
[72] OLSON, LEE ANN, US
[72] SHAH, SACHIN, US
[72] MAYFIELD, WILLIAM R., US
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[54] **DATA SHEET FOR AN ID**
[54] **FICHE TECHNIQUE POUR IDENTIFICATION**
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[72] FAWER, URS, CH
[73] GEMALTO AG, CH
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[87] (2717214)
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[54] **PROCEDE ET SYSTEME POUR DETERMINER L'ORIENTATION DES VERRES OPHTALMIQUES**
[72] SABETA, ANTON, CA
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[54] **ENCEINTE DE SECURITE DE ROUTEUR**
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[72] JOHNSON, DAVID ALAN, US
[73] CRADLEPOINT, INC., US
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[72] MATTS, EMORY H., US
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[54] **FACTEUR NEUROTROPHIQUE MANF ET SES UTILISATIONS**
[72] SAARMA, MART, FI
[72] LINDHOLM, PAIVI, FI
[72] VOUTILAINEN, MERJA, FI
[72] PERANEN, JOHAN, FI
[72] TUOMINEN, RAIMO, FI
[72] AIRAVAARA, MIKKO, US
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[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[73] BIOSENSE WEBSTER (ISRAEL), INC., IL
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[54] **SYSTEME ET PROCEDE POUR DELIVRER DE L'ENERGIE A UN TISSU**
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[72] GALLUP, DAVID A., US
[72] ARENSON, JAMES W., US
[73] VYTRONUS, INC., US
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[72] NOWACKI, PHILIP, US
[72] JUBIE, DAVID, US
[72] MCKOSKEY, JAY, US
[72] SKIME, TIM, US
[73] POLARIS INDUSTRIES INC., US
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[73] AIRBUS OPERATIONS (S.A.S.), FR
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[72] ZOTTOLA, TINO, CA
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[54] **SYSTEM AND METHOD FOR MANAGING NUMEROUS FACETS OF A WORK RELATIONSHIP**
[54] **SYSTEME ET METHODE DE GESTION DES NOMBREUSES FACETTES DES RELATIONS DE TRAVAIL**
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[73] KEAL, INC., CA
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[54] **SYSTEME DE TRANSFERT DE MATIERES COMMANDE PAR DEPRESSION ET PROCEDE CONNEXE**
[72] WHITLEY, RALPH E., US
[73] VT LEEBOY, INC., US
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[54] **MICROSPHERES USEFUL FOR THERAPEUTIC VASCULAR EMBOLIZATION**
[54] **MICROSPHERES UTILES POUR L'EMBOLISATION VASCULAIRE THERAPEUTIQUE**
[72] KROM, JAMES, US
[72] REB, PHILIPPE, FR
[72] MARION, PIERRE, FR
[72] DE GIOANNIS, BARBARA, FR
[73] BIOSPHERE MEDICAL, INC., US
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[54] **METHOD AND APPARATUS FOR CONNECTING AC POWERED SWITCHES, CURRENT SENSORS AND CONTROL DEVICES VIA TWO WAY IR, FIBER OPTIC AND LIGHT GUIDE CABLES**
[54] **PROCEDE ET APPAREIL POUR CONNECTER DES INTERRUPTEURS ALIMENTES PAR COURANT ALTERNATIF, DES CAPTEURS DE COURANT ET DES DISPOSITIFS DE COMMANDE AU MOYEN DE CABLES BIDIRECTIONNELS IR, A FIBRE OPTIQUE ET DE GUIDE LUMINEUX**
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[73] ELBEX VIDEO LTD., JP
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[54] **FROMAGE AUX PROPRIETES ORGANOLEPTIQUES ET FONDANTES AMELIOREES**
[72] GALER, CHAD D., US
[72] GASS, PAUL V., US
[72] HANDRICK, AARON S., US
[72] HIRSCHEY, JOHN A., US
[72] LEVINE, BRIAN E., US
[72] TRINKA, CAROLYN J., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **INTERMEDIATE MOISTURE BAR USING A DAIRY-BASED BINDER**
[54] **BARRE A TENEUR INTERMEDIAIRE EN HUMIDITE UTILISANT UN LIANT A BASE DE LAIT**
[72] SMITH, GARY FRANCIS, US
[72] KORTUM, OLAF C., DE
[72] MA, YINQING, US
[72] REILLY, AMANDA J., US
[72] HARMAN, KELLY K., US
[72] COLEMAN, EDWARD CHARLES, US
[72] PEEBLES, JUAN R., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **SYSTEME DE CULTURE DE CELLULES POUR DETERMINER L'EFFET SENSIBILISANT, ALLERGENE ET/OU IRRITANT D'UNE SUBSTANCE**
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[54] **CHAMBRE DE COMBUSTION DE TURBINE A GAZ AVEC ECRAN THERMIQUE EN MATERIAU COMPOSITE A MATRICE CERAMIQUE (CMC) ET PROCEDES CONNEXES**
[72] CORSMEIER, DONALD MICHAEL, US
[72] NOE, MARK EUGENE, US
[72] RADWANSKI, MICHAEL TODD, US
[72] ROGHE, OLIVER, US
[72] SUBIT, JESSICA LICARDI, US
[72] XIE, MING, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE DE FABRICATION DE MODULE DE MEMBRANE DE FILTRATION POLYMERIQUE EMPLOYANT LE RAYONNEMENT MICRO-ONDE**
[72] LIM, FUI WEN, GB
[72] LIVINGSTON, ANDREW GUY, GB
[72] BOAM, ANDREW TIMOTHY, GB
[73] EVONIK DEGUSSA GMBH, DE
[85] 2011-03-24
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[54] **MULTI-FUCTIONAL UNDERLAYMENT ACOUSTICAL MAT AND SYSTEM**
[54] **SYSTEME ET MAT ISOLANT ACOUSTIQUE DE SOUS-COUCHE MULTIFONCTION**
[72] SOCHA, DENNIS ALBERT, US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2011-03-24
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[54] **NOVEL TRANSPORTER CONSTRUCTS AND TRANSPORTER CARGO CONJUGATE MOLECULES**
[54] **NOUVELLES CONSTRUCTIONS DE TRANSPORTEUR ET MOLECULES DE CONJUGUES CHARGE-TRANSPORTEUR**
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[73] XIGEN INFLAMMATION LTD., CY
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[54] **PROCEDE DE CONTROLE D'HYDRATES DE GAZ DANS DES SYSTEMES DE FLUIDE**
[72] CONRAD, PETER G., US
[72] ACOSTA, ERICK J., US
[72] MCNAMEE, KEVIN P., US
[72] BENNETT, BRIAN M., US
[72] LINDEMAN, OLGA E. S., US
[72] CARLISE, JOSEPH R., US
[73] NALCO COMPANY, US
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[54] **5' AND 2' BIS-SUBSTITUTED NUCLEOSIDES AND OLIGOMERIC COMPOUNDS PREPARED THEREFROM**
[54] **NUCLEOTIDES BIS-SUBSTITUES EN 5' ET 2' ET COMPOSES OLIGOMERES PREPARES A PARTIR DE CEUX-CI**
[72] PRAKASH, THAZHA P., US
[72] SWAYZE, ERIC E., US
[73] IONIS PHARMACEUTICALS, INC., US
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[54] **TETRAFLUOROPROPENE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE TETRAFLUOROPROPENE ET LEURS APPLICATIONS**
[72] MINOR, BARBARA HAVILAND, US
[72] LECK, THOMAS J., US
[72] BIVENS, DONALD BERNARD, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[51] **Int.Cl. H04W 48/08 (2009.01) H04W 12/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURE PROVISIONING OF A WIRELESS DEVICE**
[54] **PROCEDE ET SYSTEME DE FOURNITURE DE SERVICES SECURISES POUR UN DISPOSITIF DE COMMUNICATION SANS FIL**
[72] ROGAN, MICHAEL JOHN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2742363)
[87] (2742363)
[22] 2011-06-08
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[51] **Int.Cl. A61K 33/06 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **IMPROVED DISSOLUTION STABILITY OF CALCIUM CARBONATE TABLETS**
[54] **STABILITE A LA DISSOLUTION AMELIOREE DE COMPRIMES DE CARBONATE DE CALCIUM**
[72] OLSEN, PEDER MOHR, DK
[72] BERTELSEN, POUL EGON, DK
[72] THISTED, THOMAS, DK
[72] AAGE, HENRIK RAVN, DK
[73] TAKEDA AS, NO
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[54] **METHOD AND SYSTEM FOR VIDEO COMMUNICATION**
[54] **PROCEDE ET SYSTEME POUR DES COMMUNICATIONS VIDEO**
[72] FRANCISCO, PAULO, CA
[72] SHEN, FRANCIS, CA
[72] SAYSON, DAVID, CA
[72] ANGELOT, STEPHANE, US
[72] HUTHMACHER, KEITH, US
[72] HUCKE, LLOYD, US
[73] MITEL NETWORKS CORPORATION, CA
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[54] **DUAL-FINISH LAMINATED PANEL**
[54] **PANNEAU STRATIFIE A DEUX COUCHES DE FINITION**
[72] MCDUFF, RODRIGUE, CA
[73] GESTION MCD INC., CA
[86] (2743080)
[87] (2743080)
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[54] **STEERING MECHANISM**
[54] **MECANISME DE GUIDAGE**
[72] OSKIN, CHRISTOPHER, US
[72] OSTROVSKY, ISAAC, US
[72] ROBERTSON, DAVID W., US
[72] BARENBOYM, MICHAEL, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[25] EN
[54] **COMBINED PN JUNCTION AND BULK PHOTOVOLTAIC DEVICE**
[54] **DISPOSITIF COMBINE A JONCTION PN ET ELEMENTS PHOTOVOLTAIQUES EN VRAC**
[72] NECHACHE, RIAD, CA
[72] RUEDIGER, ANDREAS, CA
[72] ROSEI, FEDERICO, CA
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
[86] (2743346)
[87] (2743346)
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[54] **DETECTION D'ANOMALIE DANS UN MOTEUR D'AERONEF**
[72] LACAILLE, JEROME, FR
[72] NYA DJIKI, ROSTAND, FR
[73] SNECMA, FR
[85] 2011-05-26
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[25] EN
[54] **COMMUNICATION BETWEEN STATIONS AND VEHICLES**
[54] **EQUIPEMENT DE COMMUNICATION ENTRE DES STATIONS ET DES VEHICULES**
[72] SVENSSON, BENGT, SE
[73] KAPSCH TRAFFICCOM AB, SE
[86] (2745305)
[87] (2745305)
[22] 2011-07-06
[30] EP (10169441.2) 2010-07-13

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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODY FORMULATION**
[54] **FORMULATION D'ANTICORPS**
[72] MOMM, JOACHIM, CH
[72] WALLNY, HANS-JOACHIM, CH
[73] NOVARTIS AG, CH
[85] 2011-06-06
[86] 2009-12-09 (PCT/EP2009/066675)
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[54] **OUTIL DE CHARGEMENT DE COMPTES ET D'ACTIFS**
[72] BELLOFATTO, ALBERTO, IT
[72] ANGELETTI, ANDREA, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2747111)
[87] (2747111)
[22] 2011-07-22
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[54] **TRAITEMENT DE LA DOULEUR**
[72] HAMILTON, JOHN ALLAN, AU
[72] COOK, ANDREW DAVID, AU
[73] THE UNIVERSITY OF MELBOURNE, AU
[85] 2011-06-14
[86] 2009-12-21 (PCT/AU2009/001671)
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[54] **BRAKE SYSTEM OF A RAIL VEHICLE WITH COMPENSATION OF FLUCTUATIONS IN THE FRICTION CONDITIONS**
[54] **SYSTEME DE FREINAGE DE VEHICULE FERROVIAIRE A COMPENSATION DES VARIATIONS DES CONDITIONS DE FROTTEMENT**
[72] NOCK, MARCO, DE
[73] KNORR-BREMSE SYSTEME FUER SCHIENENFAHRZEUGE GMBH, DE
[85] 2011-06-20
[86] 2009-12-11 (PCT/EP2009/008873)
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[51] **Int.Cl. F16L 59/14 (2006.01) F16L 59/08 (2006.01) F16L 59/10 (2006.01)**
[25] EN
[54] **INSULATION PRODUCT WITH INWARD CURLING CLOSURE FLAP**
[54] **PRODUIT ISOLANT MUNI D'UN RABAT DE FERMETURE S'ENROULANT VERS L'INTERIEUR**
[72] SHUMATE, MONROE WILLIAM, US
[72] BRISTOL, DEREK COOPER, US
[73] JOHNS MANVILLE, US
[86] (2748725)
[87] (2748725)
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[51] **Int.Cl. F16L 59/14 (2006.01) F16L 59/08 (2006.01) F16L 59/10 (2006.01)**
[25] EN
[54] **PIPE INSULATION PRODUCTS AND METHODS**
[54] **ISOLANTS POUR TUYAUTERIES ET PROCEDES CONNEXES**
[72] SHUMATE, MONROE WILLIAM, US
[72] BRISTOL, DEREK COOPER, US
[73] JOHNS MANVILLE, US
[86] (2748745)
[87] (2748745)
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[25] EN
[54] **PIPE INSULATION PRODUCT WITH CHARGE DISSIPATER**
[54] **ISOLANT POUR TUYAUTERIES AVEC DISSIPATEUR DE CHARGE**
[72] SHUMATE, MONROE WILLIAM, US
[72] BRISTOL, DEREK COOPER, US
[73] JOHNS MANVILLE, US
[86] (2748746)
[87] (2748746)
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[25] EN
[54] **CLAY INTERLACED YEAST COMPOSITIONS AND METHODS OF UTILIZING THE SAME**
[54] **COMPOSITIONS DE LEVURE COMPRENANT DE L'ARGILE ET PROCEDES D'UTILISATION ASSOCIES**
[72] YIANNIKOURIS, ALEXANDROS, US
[72] THIELEN, URSULA ANNE, US
[73] ALLTECH, INC., US
[85] 2011-07-11
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[54] **IBUPROFEN FOR TOPICAL ADMINISTRATION**
[54] **IBUPROFENE DESTINE A ETRE ADMINISTRE DE MANIERE TOPIQUE**
[72] CARTER, STEPHEN G., US
[72] ZHU, ZHEN, US
[72] PATEL, KANU, US
[72] KOZWICH, DIANE, US
[73] BIOCHEMICS, INC., US
[85] 2011-03-02
[86] 2009-09-10 (PCT/US2009/056568)
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[30] US (61/095,672) 2008-09-10

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[54] **CREMATION CONTAINER**
[54] **CONTENANT POUR INCINERATION**
[72] GESSEL, JUSTIN, US
[72] KAISER, NICK, US
[72] PAPPAS, STEVE, US
[72] PINKSTON, STEVEN, US
[73] BATESVILLE SERVICES, INC., US
[86] (2752026)
[87] (2752026)
[22] 2011-09-13
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[25] EN
[54] **MOBILE MONITORING DEVICES AND METHODS FOR VEHICLES**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE MOBILES POUR DES VEHICULES**
[72] HANISCH, HARALD, AT
[72] RATZ, MARKUS, AT
[73] KAPSCH TRAFFICCOM AG, AT
[86] (2752455)
[87] (2752455)
[22] 2011-09-15
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[25] EN
[54] **METHOD FOR MANUFACTURING A FERMENTATION PRODUCT CONTAINING PROPIONATE AND ACETATE COMPRISING A STEP OF REMOVING CARBONATE-DERIVED COMPOUNDS**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE FERMENTATION CONTENANT DU PROPIONATE ET DE L'ACETATE COMPRENANT UNE ETAPE D'ELIMINATION DE COMPOSES DERIVES DE CARBONATE**
[72] VISSER, DIANA, NL
[72] SLIEKERS, ARNE OLAV, NL
[72] KON, ADRIAAN DIRK, NL
[73] PURAC BIOCHEM BV, NL
[85] 2011-08-22
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[25] EN
[54] **PRODUCING METAL AND CARBON DIOXIDE WITH HYDROGEN RECYCLE**
[54] **PRODUCTION DE METAL ET DE DIOXYDE DE CARBONE AVEC RECYCLAGE D'HYDROGENE**
[72] DRNEVICH, RAYMOND FRANCIS, US
[72] SCHWARTZ, JOSEPH MICHAEL, US
[72] SHAH, MINISH MAHENDRA, US
[72] BONAQUIST, DANTE PATRICK, US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2011-08-22
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[51] **Int.Cl. H01H 31/02 (2006.01) H01H 1/42 (2006.01) H01H 31/28 (2006.01)**
[25] FR
[54] **SIMPLIFIED CONDUCTOR FOR AN ELECTRIC APPARATUS, AND ELECTRIC APPARATUS COMPRISING AT LEAST ONE SUCH CONDUCTOR**
[54] **CONDUCTEUR SIMPLIFIE POUR APPAREILLAGE ELECTRIQUE ET APPAREILLAGE ELECTRIQUE COMPORTANT AU MOINS UN TEL CONDUCTEUR**
[72] DEMISSY, DANIEL, CA
[72] LEGER, MARTIN, CA
[73] ALSTOM TECHNOLOGY LTD., CH
[85] 2011-09-06
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[54] **MULTI-SERVE HOT FILL TYPE CONTAINER HAVING IMPROVED GRIPPABILITY**
[54] **CONTENANT MULTI-PORTIONS DE TYPE REMPLI A CHAUD A PLUS GRANDE FACILITE DE PREHENSION**
[72] YOURIST, SHELDON E., US
[72] PRITCHETT, RAYMOND A., JR., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[86] (2755608)
[87] (2755608)
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[25] EN
[54] **INHIBITION OF BIOFILM ORGANISMS**
[54] **INHIBITION D'ORGANISMES DE BIOFILM**
[72] O'NEIL, DEBORAH, GB
[72] MERCER, DERRY, GB
[72] CHARRIER, CEDRIC, GB
[73] NOVABIOTICS LIMITED, GB
[85] 2011-09-19
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[25] EN
[54] **DISPENSER FOR PAPER IN ROLL FORM, HAVING A BASE UNIT AND AT LEAST A FIRST DOOR AND A SECOND DOOR INSTALLED ON THE BASE UNIT OF THE DISPENSER**
[54] **DISTRIBUTEUR DE PAPIER EN ROULEAU EQUIPE D'UNE BASE ET D'AU MOINS UNE PORTE D'ACCES PRIMAIRE, ET D'UNE PORTE D'ACCES SECONDAIRE A LA BASE DU DISTRIBUTEUR**
[72] DENIS, YOANN, FR
[72] POMMIER, NICOLAS, FR
[72] MARIETTA-TONDIN, JULIEN, FR
[72] JEHL, JEAN-LOUIS, FR
[73] GEORGIA-PACIFIC FRANCE, FR
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[25] EN
[54] **A SYSTEM AND METHOD OPERABLE TO ENABLE SHORTEST CONNECTION ROUTE**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ACCEDER A L'ITINERAIRE DE CONNEXION LE PLUS COURT**
[72] BERGQVIST, PER, LU
[72] WILLEHADSON, STEFAN, SE
[73] SYNAPSE INTERNATIONAL S.A., LU
[85] 2011-09-30
[86] 2010-03-25 (PCT/SE2010/050329)
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[25] EN
[54] **POLYSILOXANES WITH NITROGEN-CONTAINING GROUPS**
[54] **POLYSILOXANES COMPORTANT DES GROUPES CONTENANT DE L'AZOTE**
[72] HENNING, FRAUKE, DE
[72] FERENZ, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[72] SILBER, STEFAN, DE
[72] WENK, HANS HENNING, DE
[72] KUPPERT, DIRK, DE
[72] KOENIG, FRANK, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2757443)
[87] (2757443)
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[25] EN
[54] **IONIC POLYMER METAL COMPOSITE CAPACITOR**
[54] **CONDENSATEUR COMPOSITE METAL-POLYMERE IONIQUE**
[72] LANDROCK, CLINTON K., CA
[72] KAMINSKA, BOZENA, CA
[73] SIMON FRASER UNIVERSITY, CA
[85] 2011-10-21
[86] 2010-04-22 (PCT/CA2010/000578)
[87] (WO2010/121363)
[30] US (12/386,789) 2009-04-22
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[51] **Int.Cl. F16M 11/02 (2006.01) A45B 25/00 (2006.01) A47B 37/04 (2006.01)**
[25] EN
[54] **MOBILE BASE DEVICE**
[54] **DISPOSITIF DE BASE MOBILE**
[72] WENG, JOHNSON, CN
[73] WENG, ZHIBO, CN
[86] (2759944)
[87] (2759944)
[22] 2011-11-30

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[13] C
[51] **Int.Cl. F24F 11/77 (2018.01) F04D 27/00 (2006.01) F24D 19/10 (2006.01) G05B 17/02 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **AUTOMATIC BLOWER CONTROL**
[54] **COMMANDE DE VENTILATEUR AUTOMATIQUE**
[72] HAVARD, HAROLD GENE, JR., US
[73] LENNOX INDUSTRIES INC., US
[86] (2759970)
[87] (2759970)
[22] 2011-11-30
[30] US (12/982,653) 2010-12-30

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[13] C
[51] **Int.Cl. A61K 35/747 (2015.01) A61P 31/00 (2006.01)**
[25] EN
[54] **LACTOBACILLUS JOHNSONII LA1 NCC533 (CNCM I-1225) AND IMMUNE DISORDERS**
[54] **LACTOBACILLUS JOHNSONII LA1 NCC533 (CNCM I-1225) ET TROUBLES IMMUNITAIRES**
[72] PETIT, VALERIE, CH
[72] GARCIA-RODENAS, CLARA, CH
[72] JULITA, MONIQUE, CH
[72] PRIOULT, GUENOLEE, CH
[72] MERCENIER, ANNICK, CH
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[73] NESTEC S.A., CH
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[54] **CAPTEUR DE NIVEAU ET CIRCUIT DE COMMANDE ASSOCIES, EN PARTICULIER POUR UN FILTRE POUR VEHICULES**
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[54] **PROCEDE PERMETTANT DE CONCEVOIR ET DE FABRIQUER DES PROTHESES DENTAIRES ADAPTEES A UN PATIENT A PARTIR DU BALAYAGE INTRA-BUCCAL D'UNE CHAPE DE TRANSFERT POUR EMPREINTE NUMERIQUE**
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[54] **TRAITEMENT DE L'HYPERTENSION PORTALE ET RESTAURATION DE LA FONCTION HEPATIQUE AU MOYEN DE PHENYLACETATE DE L-ORNITHINE**
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[72] ANDERSON, KEITH, US
[73] UCL BUSINESS PLC, GB
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[54] **POLYPEPTIDES MULTIMERES DE HLA-G COMPRENANT AU MOINS DEUX DOMAINES ALPHA3 ET LEURS UTILISATIONS PHARMACEUTIQUES**
[72] LE MAOULT, JOEL, FR
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[54] **SYSTEME ET PROCEDE D'ACCES AU RESEAU PAR UN POINT D'ACCES SANS FIL**
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[73] DIDION MANUFACTURING COMPANY, US
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[54] **PROCEDES ET APPAREILS DE DISTRACTION ET DE FUSION DES CORPS VERTEBRAUX UTILISANT UN MECANISME A MANCHON COAXIAL A ENGRENAGE HELICOIDAL**
[72] JIMENEZ, OMAR F., US
[72] FOWLEY, NICHOLAS RANSOM, US
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[54] **SYSTEME OPTIQUE POUR LASER DE CHIRURGIE OPHTALMIQUE**
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[54] **BRAS DE COMMANDE DE MICROMANIPULATEUR POUR TRANSDUCTEURS THERAPEUTIQUES ET D'IMAGERIE DU TYPE A ULTRASONS**
[72] ROBERTS, WILLIAM W., US
[72] HALL, TIMOTHY L., US
[72] CAIN, CHARLES A., US
[72] FOWLKES, J. BRIAN, US
[72] XU, ZHEN, US
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[73] GLAXOSMITHKLINE LLC, US
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[54] **DISPOSITIF CAPTEUR GRAVIMETRIQUE A OSCILLATION LATERALE APTE A ETRE INCORPORE DANS DES CANAUX MICROFLUIDIQUES ET FABRIQUE PAR LA TECHNOLOGIE DE MICROSYSTEMES**
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[54] **PROCEDES ET APPAREIL EMPLOYANT DES CODES A CORRECTION D'ERREUR SANS CIRCUIT DE RETOUR (FEC) AVEC UNE INACTIVATION PERMANENTE DE SYMBOLES POUR DES TRAITEMENTS DE CODAGE ET DE DECODAGE**
[72] LUBY, MICHAEL G., US
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[72] MINDER, LORENZ CHRISTOPH, US
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[54] **PROCEDE DE CROISSANCE ET RECOLTE EFFICACES ET CONTINUES DE PHYTOPLANCTON RICHE EN NUTRIMENTS ET SES PROCEDES D'UTILISATION**
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[54] **PROCEDE DE PREPARATION DE FORME A DE PENTAHYDRATE DE CHLORURE DE METHYLTHIONIUM SUBSTANTIELLEMENT PUR**
[72] HILFIKER, ROLF, CH
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[72] TUCKER-SAMARAS, SAMANTHA D., US
[72] SALIOU, CLAUDE, US
[72] MAHMOOD, KHALID, US
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[54] **NANOPARTICULES PAA PERMETTANT D'AMELIORER L'IMAGERIE TUMORALE**
[72] PANDEY, RAVINDRA K., US
[72] GUPTA, ANURAG, US
[72] SAJJAD, MUNAWWAR, US
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[54] **COMPLEMENT ALIMENTAIRE STIMULANT LA FONCTION SEXUELLE MASCULINE**
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[73] BTG INTERNATIONAL LIMITED, GB
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[54] **POLYMERES TRIBLOCS BAB A CARACTERISTIQUES AMELIOREES DE LIBERATION**
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[72] PIAO, AI-ZHI, US
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[54] **DISPOSITIFS POUR RAPPROCHER DES TISSUS ET PROCEDES D'UTILISATION AFFERENTS**
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[72] BOITEAU, SYLVIE, US
[72] ITESCU, JOHANNAH, US
[72] KALRA, ANITA, US
[72] DOYLE, EAMON, US
[72] WURTZ, DAVID, US
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[54] **DISPOSITIF DE RACCORDEMENT HORIZONTAL**
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[54] **PROCEDE DE FABRICATION DE COUCHES D'OXYDE DE ZIRCONIUM CUBIQUES**
[72] RAMM, JUERGEN, CH
[72] WIDRIG, BENO, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[54] **CARTOUCHE DESTINEE A ETRE UTLISEE AVEC UNE TETE DE THERAPIE PAR ULTRASONS**
[72] BOCKENSTEDT, CRAIG R., US
[72] CRUNKILTON, JEFFREY R., US
[72] WING, GREGORY T., US
[72] BENNETT, FREDERICK J., US
[72] LITTLE, BLAKE W., US
[73] LIPOSONIX, INC., US
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[54] **ANTICORPS ANTI-ENDOGLINE**
[72] THEUER, CHARLES, US
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[72] STANISLAUS, MARIA CHARLES VIJAY, US
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[72] LITTLE, DAVID J., US
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[54] **FORMULATIONS AMELIOREES**
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[54] **IMPLANT EN ECHARPE A MOTIFS**
[72] MUJWID, JAMES R., US
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[54] **SUGGESTION DE RECHERCHE DYNAMIQUE ET EXECUTION SPECIFIQUE D'UNE CATEGORIE**
[72] AMACKER, MATTHEW W., US
[72] HOTCHKIES, BLAIR L., US
[72] PARSHALL, DANIEL R., US
[72] MILLS, BRENT ROBERT, US
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[54] **METHYLSULFONYLMETHANE (MSM) POUR LE TRAITEMENT DE MICRO-ORGANISMES RESISTANTS AUX MEDICAMENTS**
[72] BENJAMIN, RODNEY, US
[72] VARELMAN, JEFFREY, US
[72] KELLER, ANTHONY, US
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[54] **DECODING METHOD, DECODING APPARATUS, CODING METHOD, AND CODING APPARATUS USING A QUANTIZATION MATRIX**
[54] **METHODE DE DECODAGE, APPAREIL DE DECODAGE, METHODE DE CODAGE ET APPAREIL DE CODAGE EMPLOYANT UNE MATRICE DE QUANTIFICATION**
[72] LIM, CHONG SOON, SG
[72] LI, MIN, SG
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[72] SHIBAHARA, YOUJI, JP
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[54] **CELLULE HOLOGRAPHIQUE INCOHERENTE SANS LENTILLE ET MICROSCOPIE SUR UNE PUCE**
[72] OZCAN, AYDOGAN, US
[72] ISIKMAN, SERHAN OMER, US
[72] OZTOPRAK, CHETIN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PREPARATION ET UTILISATION DE COMPOSITIONS POLYMERES DISPERSANTES**
[72] ALEXANDER, DAVID C., US
[72] RISTER, ERNEST L., JR., US
[72] MOORE, ROBERT B., US
[72] WALKER, JANICE S., US
[73] HUNTSMAN PETROCHEMICAL LLC, US
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[72] ELKASEVIC, SUAD, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **PYRIMIDINES PHENOXY-SUBSTITUEES UTILISEES COMME MODULATEURS DES RECEPTEURS AUX OPIOIDES**
[72] COATS, STEVEN J., US
[72] ZHANG, YUE-MEI, US
[72] LIN, SHU-CHEN, US
[72] LIU, LI, US
[72] MISKOWSKI, TAMARA A., US
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[54] **METHODE DE GROSSISEMENT DE CARTE**
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[72] BECKETT, JASON CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SULFOMETHYLSUCCINATES, LEUR PROCEDE DE FABRICATION ET COMPOSITIONS LES CONTENANT**
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[72] DONG, XUE MIN, US
[73] STEPAN COMPANY, US
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[54] **METHODES ET SYSTEMES DE TRAITEMENT D'ECHANTILLONS SUR DES SUBSTRATS POREUX**
[72] SHOEMAKER, PHILIP ALEXANDER, US
[72] GRIFFIN, WESTON BLAINE, US
[72] FINEHOUT, ERIN J., US
[72] WANG, XUEFENG, US
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[54] **LOTION COMPOSITION AND FIBROUS STRUCTURE COMPRISING SAME**
[54] **COMPOSITION DE LOTION ET STRUCTURE FIBREUSE LA COMPORTANT**
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[72] LEIMBACH, ANGELA MARIE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **CHROMATOGRAPHIE DE POLYMERES DE POLYOLEFINES**
[72] WINNIFORD, WILLIAM L., US
[72] CONG, RONGJUAN, US
[72] STOKICH, THEODORE M., JR., US
[72] PELL, RANDY J., US
[72] MILLER, MATTHEW D., US
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[72] DEGROOT, ALEXANDER W., US
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[54] **DRINKING CONTAINER WITH FILTER FILLING RESERVOIR**
[54] **RECIPIENT POUR BOISSON MUNI D'UN RESERVOIR DE REMPLISSAGE A FILTRE**
[72] STURGESS, PATRICIA KIM, CA
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[54] **APPAREIL DE LIAGE ET PROCEDE DE LIAGE D'UNE BALLE**
[72] AMSTEL, VAN LEONARDUS HENDIRKUS MARIA, NL
[72] BULLENS, HENRICUS PETRUS GERARDUS, NL
[73] KUHN-GELDROP BV, NL
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[54] **ENSEMBLE DEBITMETRE POUR UNE MACHINE A BOISSON**
[72] ETTER, STEFAN, CH
[72] ZIEGLER, MARTIN, CH
[73] NESTEC S.A., CH
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[72] TAYLOR, GERRY, US
[73] ROTACASTER WHEEL LTD, AU
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[54] **COMPOSITIONS COMPRISING TETRAFLUOROPROPENE AND DIFLUOROMETHANE AND USES THEREOF**
[54] **COMPOSITIONS COMPRENANT DU TETRAFLUOROPROPENE ET DU DIFLUOROMETHANE ET UTILISATIONS ASSOCIEES**
[72] LECK, THOMAS J., US
[72] MINOR, BARBARA HAVILAND, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **FILTER VESSEL ASSEMBLY AND RELATED METHODS OF USE**
[54] **CORPS DE FILTRE ET METHODES D'UTILISATION CONNEXES**
[72] HOOTS, JOSHUA LEE, US
[72] STONE, JON TERENCE, US
[72] PACE, MICHAEL TODD, US
[73] HAYWARD INDUSTRIES, INC., US
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[54] **PYRIDINONE HYDROXYCYCLOPENTYL CARBOXAMIDES: HIV INTEGRASE INHIBITORS WITH THERAPEUTIC APPLICATIONS**
[54] **PYRIDINONE HYDROXYCYCLOPENTYLCARBOXAMIDES : INHIBITEURS DE L'INTEGRASE DU VIH AYANT DES APPLICATIONS THERAPEUTIQUES**
[72] NAIR, VASU, US
[72] OKELLO, MAURICE O., US
[72] NISHONOV, ABDUMALIK A., US
[72] MISHRA, SANJAYKUMAR, US
[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
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[54] **WOUND-CONNECTION PADS FOR FLUID INSTILLATION AND NEGATIVE PRESSURE WOUND THERAPY, AND SYSTEMS AND METHODS**
[54] **COMPRESSES DE LIAISON A UNE PLAIE POUR INSTILLATION DE FLUIDE ET TRAITEMENT DE PLAIE PAR PRESSION NEGATIVE, ET SYSTEMES ET PROCEDES**
[72] LOCKE, CHRISTOPHER, US
[72] HALL, COLIN, US
[72] TOUT, AIDAN M., US
[72] SLACK, PAUL, US
[72] LAWHORN, TOM, US
[72] ROBINSON, TIM, US
[73] KCI LICENSING, INC., US
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING MASKS FOR A LASER INSTALLATION FOR THE PRODUCTION OF MICROSTRUCTURES**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES MASQUES POUR UNE INSTALLATION A LASER POUR LA PRODUCTION DE MICROSTRUCTURES**
[72] BOEGLI, CHARLES, CH
[72] WEISSMANTEL, STEFFEN, DE
[72] REISSE, GUENTER, DE
[72] ENGEL, ANDY, DE
[72] BOETTCHER, RENE, DE
[72] STEFFEN, WERNER, CH
[73] BOEGLI-GRAVURES S.A., CH
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[54] **COMPOSITION LIMPIDE OU TRANSLUCIDE**
[72] DO, THI N., US
[72] MCNAMARA, WILLIAM E., US
[72] HALES, KELLY, US
[73] AVON PRODUCTS, INC., US
[85] 2012-06-15
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[54] **SYSTEM FOR PACKAGING, PROCESSING, AND ACTIVATING A BUNDLED GREETING AND GIFT CARD**
[54] **SYSTEME D'EMBALLAGE, DE TRAITEMENT ET D'ACTIVATION D'UNE CARTE DE VOEUX ET D'UNE CARTE CADEAU COMBINEES**
[72] KINGSBOROUGH, DONALD, US
[73] BLACKHAWK NETWORK, INC., US
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[25] EN
[54] **HEAT TRANSFER METHODS AND SHEETS FOR APPLYING AN IMAGE TO A SUBSTRATE**
[54] **PROCEDES DE THERMOTRANSFERT ET FEUILLES PERMETTANT D'APPLIQUER UNE IMAGE SUR UN SUBSTRAT**
[72] KRONZER, FRANK J., US
[72] DOLSEY, RUSSELL, US
[73] NEENAH PAPER, INC., US
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[54] **DRY GLASSY COMPOSITION COMPRISING A BIOACTIVE MATERIAL**
[54] **COMPOSITION VITREUSE SECHE COMPRENANT UN MATERIAU BIOACTIF**
[72] HAREL, MOTI, US
[72] SCARBROUGH, JANUARY, US
[72] DREWES, ROGER, US
[73] ADVANCED BIONUTRITION CORPORATION, US
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[54] **AGENTS ANTIMICROBIENS ET PROCEDES D'UTILISATION ASSOCIES**
[72] TENNICAN, PATRICK O., US
[72] PHIPPS, L. MYLES, US
[73] HYPROTEK, INC., US
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[54] **STRUCTURE DE SUPPORT POUR MOTEURS D'AERONEFS**
[72] FOLCH CORTES, DIEGO, ES
[72] SANZ MARTINEZ, PABLO TIMOTEO, ES
[73] AIRBUS OPERATIONS S.L., ES
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[54] **HEADREST FOR A PASSENGER SEAT FOR AN AIRCRAFT**
[54] **APPUI-TETE DE SIEGE DE PASSAGER D'AERONEF**
[72] GUERING, BERNARD, FR
[73] AIRBUS OPERATIONS, FR
[85] 2012-07-20
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[54] **POLYHETEROCYCLIC COMPOUNDS HIGHLY POTENT AS HCV INHIBITORS**
[54] **COMPOSES POLYHETEROCYCLIQUES HAUTEMENT PUISSANTS EN TANT QU'INHIBITEURS DU VHC**
[72] ZHAN, ZHENG-YUN J., CN
[73] AB PHARMA LTD., CN
[85] 2012-07-26
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[54] **GASIFICATION GREY WATER TREATMENT SYSTEMS**
[54] **SYSTEMES DE TRAITEMENT DE L'EAU GRISE DE GAZEIFICATION**
[72] KAIN, JAMES SCOTT, US
[72] VUONG, DINH-CUONG, US
[72] FRASER, DAVID BRIAN, CA
[72] PICKETT, TIMOTHY MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE DE CONCEPTION D'UN RESEAU DE FIBRES OPTIQUES**
[72] FORBES, MICHAEL, AU
[72] HOLLIS, BENJAMIN LESLIE, AU
[73] BIARRI PTY LTD, AU
[85] 2012-07-27
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[54] **USE OF CSH SUSPENSIONS IN WELL CEMENTING**
[54] **UTILISATION DE SUSPENSIONS DE CSH (SILICATE DE CALCIUM HYDRATE) DANS LE CIMENTAGE DE PUITS DE FORAGE**
[72] REICHENBACH-KLINKE, ROLAND, DE
[72] NICOLEAU, LUC, DE
[73] BASF SE, DE
[85] 2012-07-30
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[25] EN
[54] **LAMINATE OF CLOTHS, CLOTHING, AND BEDDING**
[54] **STRATIFIE DE TISSU, VETEMENTS ET ARTICLES DE LITERIE**
[72] KANAYAMA, YOTARO, JP
[73] FINETRACK, JP
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[54] **DIESEL FUEL COMPOSITIONS COMPRISING A QUATERNARY AMMONIUM SALT ADDITIVE**
[54] **COMPOSITIONS DE CARBURANT DIESEL RENFERMANT UN ADDITIF DE SEL D'AMMONIUM QUATERNAIRE**
[72] REID, JACQUELINE, GB
[72] BURGESS, VINCE, GB
[72] MULQUEEN, SIMON, GB
[73] INNOSPEC LIMITED, GB
[85] 2012-08-02
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[54] **COMMANDE DE POSITION DE LIT REGLABLE**
[72] RAWLS-MEEHAN, MARTIN B., US
[73] RAWLS-MEEHAN, MARTIN B., US
[85] 2012-08-09
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[54] **AN ANIMAL CONTAINMENT/REPELLANT SYSTEM HAVING AN INTERNAL AND AN EXTERNAL ANTENNA**
[54] **SYSTEME DE CONFINEMENT/REPULSIF POUR ANIMAUX AYANT UNE ANTENNE INTERNE ET UNE ANTENNE EXTERNE**
[72] GROH, WILLIAM S., CN
[72] GERIG, DUANE A., US
[72] KOZAK, DAVID M., US
[73] RADIO SYSTEMS CORPORATION, US
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[25] EN
[54] **FRAME FOR A DEVICE FOR HOLDING AND REPLACING CASTING PLATES AND ASSEMBLY.**
[54] **CADRE DE DISPOSITIF SERVANT A MAINTENIR ET REMPLACER DES PLAQUES DE COULEE ET ASSEMBLAGE.**
[72] COLLURA, MARIANO, BE
[72] SIBIET, FABRICE, FR
[73] VESUVIUS GROUP S.A., BE
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[54] **IMIDAZO [1, 2 -A] PYRAZINE DERIVATIVES AND THEIR USE FOR THE PREVENTION OR TREATMENT OF NEUROLOGICAL, PSYCHIATRIC AND METABOLIC DISORDERS AND DISEASES**
[54] **DERIVES D'IMIDAZO[1,2-A]PYRAZINE ET LEUR UTILISATION POUR LA PREVENTION OU LE TRAITEMENT DE TROUBLES ET MALADIES NEUROLOGIQUES, PSYCHIATRIQUES ET METABOLIQUES.**
[72] BARTOLOME-NEBREDA, JOSE MANUEL, ES
[72] CONDE-CEIDE, SUSANA, ES
[72] MACDONALD, GREGOR JAMES, BE
[72] PASTOR-FERNANDEZ, JOAQUIN, ES
[72] VAN GOOL, MICHIEL LUC MARIA, ES
[72] MARTIN-MARTIN, MARIA LUZ, ES
[72] VANHOOF, GRETA CONSTANTIA PETER, BE
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **METHOD AND SYSTEM FOR USING MULTIPLE-POINT STATISTICS SIMULATION TO MODEL RESERVOIR PROPERTY TRENDS**
[54] **PROCEDE ET SYSTEME DESTINES A UTILISER UNE SIMULATION STATISTIQUE MULTIPOINT POUR MODELISER DES TENDANCES DE PROPRIETE DE RESERVOIR**
[72] STREBELLE, SEBASTIEN, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-08-22
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[54] **SYNTHESIS OF METAL OXIDES BY REACTIVE CATHODIC ARC EVAPORATION**
[54] **SYNTHESE D'OXYDES METALLIQUES PAR EVAPORATION PAR ARC CATHODIQUE REACTIVE**
[72] RAMM, JUERGEN, CH
[72] WIDRIG, BENNO, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2012-08-27
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[25] EN
[54] **MICROBIAL ENGINEERING FOR THE PRODUCTION OF FATTY ACIDS AND FATTY ACID DERIVATIVES**
[54] **INGENIERIE MICROBIENNE POUR LA PRODUCTION D'ACIDES GRAS ET DE DERIVES D'ACIDES GRAS**
[72] STEPHANOPOULOS, GREGORY, US
[72] ABIDI, SYED HUSSAIN IMAM, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2012-08-30
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[54] **COMPOSITIONS AND METHODS FOR TREATING VIRAL DISEASES**
[54] **COMPOSITIONS ET METHODES POUR TRAITER LES MALADIES VIRALES**
[72] HUBERMAN, ELIEZER, US
[73] NOVADRUG, LLC, US
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[54] **MANUFACTURING METHOD FOR SUGAR SOLUTION AND DEVICE FOR SAME**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE ET DISPOSITIF AFFERENT**
[72] KURIHARA, HIROYUKI, JP
[72] MINAMINO, ATSUSHI, JP
[72] YAMAMOTO, YUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **TRICYCLIC INDOLE DERIVATIVES AS PBR LIGANDS**
[54] **DERIVES TRICYCLIQUES D'INDOLES AU TITRE DE LIGANDS DE PBR**
[72] ACHANATH, RADHA, IN
[72] BALAJI, SRINATH, IN
[72] FAIRWAY, STEVEN MICHAEL, NO
[72] MANTZILAS, DIMITRIOS, NO
[72] MOKKAPATI, UMAMAHESHWAR, IN
[72] O'SHEA, DENNIS, GB
[72] PASSMORE, JOANNA MARIE, GB
[72] SHAN, BO, CN
[72] TRIGG, WILLIAM JOHN, GB
[72] WADSWORTH, HARRY JOHN, GB
[72] KADAVILPPARAMPU MOHAMED, AFSAL MOHAMMED, IN
[73] GE HEALTHCARE LIMITED, GB
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[86] 2011-03-28 (PCT/EP2011/054744)
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[54] **GEOMETRIE DE SUPPORT POUR UNE MEMBRANE DE FILTRATION**
[72] LESCOCHE, PHILIPPE, FR
[73] TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES, FR
[85] 2012-09-06
[86] 2011-03-04 (PCT/FR2011/050458)
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[30] FR (1051739) 2010-03-10
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[25] EN
[54] **HYDRAULIC PERCUSSIVE ARRANGEMENT, PISTON GUIDE AND DRILLING RIG**
[54] **AGENCEMENT A PERCUSSION A ENTRAINEMENT HYDRAULIQUE, GUIDE DE PISTON ET FOREUSE**
[72] JONSSON, PER, SE
[73] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[25] EN
[54] **NEEDLELESS ACCESS CONNECTOR AND METHOD OF USE**
[54] **CONNECTEUR D'ACCES SANS AIGUILLE ET METHODE D'UTILISATION**
[72] MANSOUR, GEORGE M., US
[73] CAREFUSION 303, INC., US
[85] 2012-09-17
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[25] EN
[54] **CROSS LINKING MEMBRANE SURFACES**
[54] **RETICULATION DE SURFACES DE MEMBRANE**
[72] COLLINS, CHRISTOPHER H., US
[72] RANGWALLA, IMTIAZ J., US
[73] ENERGY SCIENCES, INC., US
[85] 2012-09-18
[86] 2011-04-13 (PCT/US2011/032349)
[87] (WO2011/130428)
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[54] **PELLETIZING DEVICE AND METHOD**
[54] **DISPOSITIF DE GRANULATION ET PROCEDE CORRESPONDANT**
[72] LAMPKE, JAN, DE
[72] SILGE, STEFFEN, DE
[72] SCHURIG, GUNTHER, DE
[72] DELATOUR, VINCENT, DE
[72] WEYRAUCH, SANDRA, DE
[73] HAVER ENGINEERING GMBH, DE
[85] 2012-09-24
[86] 2011-03-28 (PCT/EP2011/001538)
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[25] EN
[54] **DEVICE FOR IMAGING THE INNER SURFACE OF A CAVITY IN A WORKPIECE**
[54] **DISPOSITIF D'IMAGERIE DE LA SURFACE INTERNE D'UNE CAVITE D'UNE PIECE DE TRAVAIL**
[72] RUDOLF, MICHAEL, DE
[73] HOMMEL-ETAMIC GMBH, DE
[86] (2794258)
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[25] EN
[54] **LIQUID DISPENSING SYSTEM FOR USE IN THE FORMATION OF A TOBACCO POUCH PRODUCT**
[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE A DES FINS D'UTILISATION POUR LA REALISATION D'UN PRODUIT DE BLAGUE A TABAC**
[72] WILLIAMS, DWIGHT D., US
[72] LONGEST, CARY, US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2012-09-26
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[25] EN
[54] **PROCESS FOR PREPARING BENZOXABOROLES**
[54] **PROCEDE DE PREPARATION DE BENZOXABOROLES**
[72] CONDE, JOSE J., US
[72] KOWALSKI, ANTHONY JOHN, US
[72] ZAJAC, MATTHEW ALLEN, US
[73] GLAXOSMITHKLINE LLC, US
[85] 2012-09-26
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[25] EN
[54] **ZIPPER FASTENER**
[54] **FIXATION A GLISSIERE**
[72] LEE, OK-KYUNG, KR
[73] KMK CO., LTD., KR
[86] (2795095)
[87] (2795095)
[22] 2012-11-08
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[54] **REFLECTIVE ASPHALT COMPOSITION**
[54] **COMPOSITION D'ASPHALTE REFLECHISSANTE**
[72] HUNT, CHRISTOPHER, CA
[73] 1616515 ALBERTA LTD., CA
[85] 2012-10-01
[86] 2011-03-31 (PCT/CA2011/050174)
[87] (WO2011/120167)
[30] CA (2,698,507) 2010-03-31
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[51] **Int.Cl. F02C 9/26 (2006.01) F02C 9/40 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR FORMULATING A SETPOINT SIGNAL**
[54] **PROCEDE ET DISPOSITIF D'ELABORATION D'UN SIGNAL DE CONSIGNE**
[72] GAULLY, BRUNO ROBERT, FR
[72] RIOU, ALEXANDRA, FR
[72] DJELASSI, CEDRIK, FR
[73] SNECMA, FR
[85] 2012-10-03
[86] 2011-04-12 (PCT/FR2011/050830)
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[54] **IMPROVED CELL CULTIVATION PROCESS**
[54] **PROCEDE AMELIORE DE CULTURE CELLULAIRE**
[72] JOOSTEN, CHRISTOPHE., CH
[72] LEIST, CHRISTIAN, CH
[72] SCHMIDT, JOERG, CH
[73] NOVARTIS AG, CH
[85] 2012-09-28
[86] 2011-04-25 (PCT/EP2011/056507)
[87] (WO2011/134919)
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[13] C
[51] **Int.Cl. F16L 55/46 (2006.01)**
[25] EN
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[54] **DISPOSITIF DE LANCEMENT DE RACLEURS**
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[73] IMPLANTICA PATENT LTD., MT
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[72] BELSON, WILLIAM W., III, US
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[54] **ASSEMBLAGE DE ROTOR COMPORTANT UNE LAME EN COMPOSITE ET UNE ENVELOPPE**
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[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[72] REYES BENITEZ, JOSE FERNANDO, ES
[72] FRANCESCH SOLLOSO, ANDRES, ES
[72] CUEVAS MARCHANTE, MARIA DEL CARMEN, ES
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[72] PINARD, EMMANUEL, FR
[73] F. HOFFMANN-LA ROCHE AG, US
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[54] **ETOURDISSEMENT D'ANIMAL**
[72] RALPH, JAMES HENRY, AU
[72] OWEN, JEFFREY STEWART, AU
[72] SMALL, ALISON HOLDHUS, AU
[72] MCLEAN, DAVID WILLIAM, AU
[72] GAILER, DANIEL JOHN, AU
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[54] **GATE FOR BARRIER SYSTEM AND METHODS FOR THE ASSEMBLY AND USE THEREOF**
[54] **PORTAIL POUR SYSTEME DE BARRIERE, ET PROCEDES D'ASSEMBLAGE ET D'UTILISATION DE CELUI-CI**
[72] WILKINSON, DOUGLAS E., US
[72] VAN BROCKLIN, ANTHONY R., US
[72] STEPHENS, BARRY D., US
[73] ENERGY ABSORPTION SYSTEMS, INC., US
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[54] **DERIVES DE LIGNINE NATURELLE PROVENANT DE CHARGES D'ALIMENTATION DE BOIS DE FEUILLUS**
[72] BALAKSHIN, MIKHAIL YUREVICH, CA
[72] BERLIN, ALEX, CA
[72] DELLICOLLI, HUMBERT THOMAS, US
[72] GRUNERT, CHADRICK ADAM NATHANIEL JORDAN, CA
[72] GUTMAN, VERA MAXIMENKO, CA
[72] ORTIZ, DARWIN, CA
[72] PYE, EDWARD KENDALL, US
[73] FIBRIA INNOVATIONS INC., CA
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[25] EN
[54] **USE OF TILIACORA TRIANDRA IN COSMETICS AND COMPOSITIONS THEREOF**
[54] **UTILISATION DE TILIACORA TRIANDRA DANS DES PRODUITS COSMETIQUES ET DES COMPOSITIONS DE CEUX-CI**
[72] PTCHELINTSEV, DMITRI S., US
[73] AVON PRODUCTS, INC., US
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[54] **SERRURE A DOUBLE VERROU ET STATION D'APPAT DE RONGEUR A SERRURE A DOUBLE VERROU**
[72] COVINGTON, LARRY, US
[73] VM PRODUCTS INC., US
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[54] **REACTION VESSEL FOR PCR DEVICE AND METHOD OF PERFORMING PCR**
[54] **CUVE REACTIONNELLE POUR UN DISPOSITIF DE PCR ET PROCEDE DE REALISATION D'UNE PCR**
[72] LUEDKE, GERD, DE
[72] BOOS, ANDREAS, DE
[72] MOTEJADDED, HASSAN, DE
[72] BACHER, JOHANNES, DE
[73] CURETIS GMBH, DE
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[25] EN
[54] **PREDICTIVE WAKEUP FOR PUSH-TO-TALK-OVER-CELLULAR (POC) CALL SETUP OPTIMIZATIONS**
[54] **REVEIL PREDICTIF POUR OPTIMISATIONS D'ETABLISSEMENT DE COMMUNICATION DE MESSAGERIE VOCALE INSTANTANEE (POC)**
[72] VEMPATI, BRAHMANANDA R., US
[72] PATEL, KRISHNAKANT M., US
[72] CHANDANA, PRATAP, US
[72] NARAYANAN, ANAND, US
[72] AYYASAMY, RAVI, US
[72] LAWLER, BRUCE D., US
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[72] ARDAH, BASEM A., US
[72] KANDULA, RAMU, IN
[72] KUNDU, GORACHAND, IN
[72] BISWAL, BIBHUDATTA, US
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[54] **METHOD FOR PRODUCING A LEAK-TIGHT VESSEL, AND A LEAK-TIGHT VESSEL**
[54] **PROCEDE POUR PRODUIRE UNE CUVE ETANCHE AUX FUITES, ET CUVE ETANCHE AUX FUITES**
[72] VANSWIJGENHOVEN, TONY, BE
[72] VANSWIJGENHOVEN, DIETER, BE
[72] SEIFERT, AXEL, BE
[73] COVESS N.V., BE
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[25] EN
[54] **COMPOSITIONS COMPRISING THE NC2 DOMAIN OF COLLAGEN IX AND METHODS OF USING SAME**
[54] **COMPOSITIONS COMPRENANT LE DOMAINE NC2 DU COLLAGENE IX ET LEURS PROCEDES D'UTILISATION**
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[73] SHRINERS HOSPITALS FOR CHILDREN, US
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[54] **METHOD FOR PRODUCING AN ENRICHED EXTRACT FROM VITIS VINIFERA L. LEAVES**
[54] **PROCEDE POUR PRODUIRE UN EXTRAIT ENRICHI ISSU DE FEUILLES DE VITIS VINIFERA L**
[72] SCHEURING, UWE, DE
[72] LANGER, MARTIN, DE
[72] PLOHMANN, BERND, DE
[72] FEISTEL, BJOERN, DE
[72] WALBROEL, BERND, DE
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[54] **METHOD FOR FORMING REINFORCED PULTRUDED PROFILES**
[54] **PROCEDE DE FABRICATION DE PROFILES PULTRUDES RENFORCES**
[72] NELSON, SHERRI M., US
[72] EASTEP, DAVID W., US
[72] REGAN, TIMOTHY A., US
[73] TICONA LLC, US
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[54] **HYDROGEN TREATMENT OF IMPURE TALL OIL FOR THE PRODUCTION OF AROMATIC MONOMERS**
[54] **TRAITEMENT A L'HYDROGENE D'HUILE DE TALL IMPURE POUR LA PRODUCTION DE MONOMERES AROMATIQUES**
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[73] STORA ENSO OYJ, FI
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[54] **LIPIDOMIC BIOMARKERS FOR IDENTIFICATION OF HIGH-RISK CORONARY ARTERY DISEASE PATIENTS**
[54] **BIOMARQUEURS LIPIDOMIQUES PERMETTANT D'IDENTIFIER LES PATIENTS A HAUT RISQUE DE MALADIE ARTERIO-CORONARIENNE**
[72] LAAKSONEN, REIJO, FI
[72] EKROOS, KIM, FI
[72] HURME, REINI, FI
[72] JANIS, MINNA, FI
[72] KATAINEN, RIIKKA, FI
[72] TARASOV, KIRILL, FI
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[54] **METHOD OF MAKING AUTOMOTIVE BODY PARTS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE CARROSSERIE D'AUTOMOBILES**
[72] MAKIN, STEPHEN PAUL, US
[72] PANOZ, DONALD E., US
[73] MAKIN, STEPHEN PAUL, US
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[25] FR
[54] **HEAT-EXCHANGE ARCHITECTURE BUILT INTO THE EXHAUST OF A TURBINE ENGINE**
[54] **ARCHITECTURE D'ECHANGE DE CHALEUR INTEGREE A L'ECHAPPEMENT D'UNE TURBOMACHINE**
[72] THOMAS, RAINER, FR
[73] TURBOMECA, FR
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[51] **Int.Cl. C07C 273/04 (2006.01)**
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[54] **UREA PLANT WITH PURGE OUTLET CONNECTED TO A FUEL INLET OF ANOTHER PLANT**
[54] **USINE DE PRODUCTION D'UREE EQUIPEE D'UNE SORTIE DE VIDANGE RELIEE A UNE ENTREE DE CARBURANT D'UNE AUTRE USINE DE PRODUCTION**
[72] DIELTJENS, LUC LOUIS MARIA, NL
[73] STAMICARBON B.V., NL
[85] 2012-12-19
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[54] **A DISC BRAKE FOR A TAPE MEASURE**
[54] **FREIN A DISQUE POUR BANDE DE MESURE**
[72] NIELSON, ROB, CA
[72] HUNSBERGER, MATTHEW, CA
[73] NIELSON, ROB, CA
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[54] **SYSTEM AND METHOD FOR PROVIDING POWER, TWO-WAY COMMUNICATION, AND OPERATION OF DOWNHOLE TOOLS IN A HORIZONTAL WELLBORE**
[54] **SYSTEME ET PROCEDE ASSURANT UNE ALIMENTATION ELECTRIQUE, UNE COMMUNICATION BIDIRECTIONNELLE ET LE FONCTIONNEMENT DES OUTILS DE FONDS DE PUITS DANS UN TROU DE FORAGE HORIZONTAL**
[72] CRAIK, RON, CA
[73] CRAIK, RON, CA
[86] (2804281)
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[54] **CHARIOT DE TRANSPORT DE CHARGES**
[72] KUKULIES, PAUL JAMES (DECEASED), AU
[73] OLSSON, ASHLEY DEAN, AU
[85] 2013-01-07
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[25] EN
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[54] **MOLECULES D'ANTICORPS HUMAINS ANTI-IL13**
[72] JERMUTUS, LUTZ, GB
[72] MINTER, RALPH RAYMOND, GB
[72] MONK, PHILIP DAVID, GB
[72] SHORROCK, CELIA PATRICIA, GB
[73] MEDIMMUNE LIMITED, GB
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[54] **METHOD FOR PRODUCING A MATERIAL INCLUDING A SUBSTRATE PROVIDED WITH A COATING**
[54] **PROCEDE D'OBTENTION D'UN MATERIAU COMPRENANT UN SUBSTRAT MUNI D'UN REVETEMENT**
[72] KHARCHENKO, ANDRIY, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2013-01-22
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[54] **PUMP/MOTOR ASSEMBLY**
[54] **ENSEMBLE DE POMPE ET MOTEUR**
[72] SIMPSON, ALASTAIR, GB
[73] HIVIS PUMPS AS, NO
[85] 2013-01-24
[86] 2011-07-27 (PCT/GB2011/051430)
[87] (WO2012/013973)
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[51] **Int.Cl. B28B 7/06 (2006.01) B28B 7/08 (2006.01) B28B 13/06 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR DEMOLDING AND PALLETIZING CAST CONCRETE BLOCKS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DEMOULER ET DE PALETTISER DES BLOCS DE BETON COULE**
[72] MANTHEI, JAMES, A., US
[73] ROSETTA HARDSCAPES, LLC, US
[85] 2013-01-28
[86] 2011-08-01 (PCT/US2011/046083)
[87] (WO2012/018708)
[30] US (61/370,078) 2010-08-02
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[54] **METHODS FOR THE PREPARATION OF DROSPIRENONE AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE LA DROSPIRENONE ET DE SES INTERMEDIAIRES**
[72] MONTORSI, MAURO, IT
[72] MARIANI, EDOARDO, IT
[72] GAMBARIN, LUCA, IT
[72] ORRU', GIANMAURO, IT
[72] SCALAPRICE, ROMEO, IT
[72] MERLO, MASSIMO, IT
[72] ANDRIOLO, ERIKA, IT
[73] NEWCHEM S.P.A., IT
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[54] **GUIDE VANE ASSEMBLY FOR CONTINUOUS-FLOW MACHINES**
[54] **DISTRIBUTEUR POUR TURBOMACHINES**
[72] NOWICKI, PETER, DE
[72] ABELE, CHRISTOF, DE
[72] KUHN, KLAUS, DE
[73] ANDRITZ HYDRO GMBH, AT
[85] 2013-02-04
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[30] AT (A 1446/2010) 2010-08-30

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[54] **FIRE RESISTANT TEXTILE SLEEVE AND METHODS OF CONSTRUCTION THEREOF AND PROVIDING FIRE PROTECTION THEREWITH**
[54] **MANCHON TEXTILE IGNIFUGE ET PROCEDES DE CONSTRUCTION DE CELUI-CI ET DE PROTECTION IGNIFUGE ASSUREE AU MOYEN DE CELUI-CI**
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[73] FEDERAL-MOGUL POWERTRAIN, INC., US
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[54] **ROUE LIBRE A HAUTE RESOLUTION A ENGRENAGE EN DENTS DE SCIE GRADUEES POUR RATTRAPEUR DE JEU AUTOMATIQUE**
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[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] **AGENCEMENT ET PROCEDE D'IDENTIFICATION DE RESSOURCES DE FORMAT 3 PUCCH**
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[72] CHENG, JUNG-FU, US
[72] GERSTENBERGER, DIRK, SE
[72] LARSSON, DANIEL, SE
[72] PARKVALL, STEFAN, SE
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[54] **SYSTEME ET PROCEDE POUR L'ANALYSE D'UNE STRUCTURE DE DECOUPAGE A MOTEUR COURBE**
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[73] NATIONAL OILWELL VARCO, L.P., US
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[72] SPRAGUE, LEE G., US
[72] SCHULTZ, JAMES ARNOLD, US
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[54] **TOLE D'ACIER ELECTROMAGNETIQUE ORIENTEE**
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[72] OKABE, SEIJI, JP
[72] TAKAMIYA, TOSHITO, JP
[73] JFE STEEL CORPORATION, JP
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[54] **METHOD FOR ATTACHING PREPARED ADHESIVE TO BONDING PART BONDING TOOL THEREFOR**
[54] **OUTIL DE COLLAGE PERMETTANT DE FIXER UN ADHESIF PRET A L'EMPLOI SUR UNE PARTIE DE COLLAGE**
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[72] LE PABIC, HERBERT, FR
[72] LAURE, FREDERIC, FR
[72] DAVERIO, OLIVIER, FR
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[54] **APPAREIL DE STIMULATION MUSCULAIRE**
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[54] **ASSEMBLAGE D'UNE AUBE ET D'UN SUPPORT COMPOSITE PAR SCELLAGE**
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[72] GRELIN, HERVE, FR
[72] BERARD, SACHA, BE
[73] TECHSPACE AERO S.A., BE
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[54] **OUTIL DE FRAISAGE DE TISSU OSSEUX PARTICULIEREMENT INDIQUE POUR L'ELEVATION DE SINUS SELON LA TECHNIQUE DE SUMMERS OU POUR LA POSE D'IMPLANTS ULTRACOURTS**
[72] ANITUA ALDCOA, EDUARDO, ES
[73] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
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[54] **IMPLANT POUR EXPANSION DE LA CRETE OSSEUSE MAXILLAIRE**
[72] ANITUA ALDECOA, EDUARDO, ES
[73] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
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[54] **ENERGY DAMPER-STORAGE DEVICE FOR LOW FLOOR VEHICLE ACCESS RAMP**
[54] **DISPOSITIF DE STOCKAGE AMORTISSEUR D'ENERGIE POUR RAMPE D'ACCES DE VEHICULE A PLANCHER SURBAISSE**
[72] SAUCIER, STANTON D., US
[72] FERNANDEZ, JAIME, US
[73] LIFT-U, A DIVISION OF HOGAN MFG., INC., US
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[54] **DISPOSITIF DE MOUCHETAGE DE SURFACE**
[72] PETTERSSON, BO, GB
[72] SCHNEIDER, KLAUS, AT
[72] ZEBHAUSER, BENEDIKT, CH
[72] SIERCKS, KNUT, CH
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
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[72] MANSER, ROGER, US
[72] VAN HAAREN, CHRISTOPHER A., US
[72] VANDAL, PETER J., US
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[54] **APPARATUS AND METHODS FOR LOADING PRODUCT INTO CASES**
[54] **APPAREIL ET PROCEDES PERMETTANT DE CHARGER UN PRODUIT DANS DES BOITIERS**
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[72] MOSKE, ANTHONY, US
[73] DOUGLAS MACHINE INC., US
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[73] ABA HORTNAGL GMBH, AT
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[54] **ARTICLE MOULE EN RESINE POLYAMIDE**
[72] MITADERA, JUN, JP
[72] KUROKAWA, MASASHI, JP
[72] TAKANO, TAKAHIRO, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
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[54] **SYSTEMS AND METHODS FOR MANAGING REDUCED PRESSURE AT A PLURALITY OF WOUND SITES**
[54] **SYSTEMES ET PROCEDES POUR GERER UNE PRESSION REDUITE SUR UNE PLURALITE DES SITES DE BLESSURES**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] HALL, COLIN JOHN, US
[73] KCI LICENSING, INC., US
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[54] **CODAGE DE SIGNAUX AUDIO GENERIQUES A FAIBLE DEBIT BINAIRE ET A FAIBLE RETARD**
[72] JELINEK, MILAN, CA
[72] VAILLANCOURT, TOMMY, CA
[73] VOICEAGE CORPORATION, CA
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[54] **AMELIORATION D'UN SYSTEME DE MISE AU POINT AUTOMATIQUE POUR DES AFFICHAGES DE REALITE AUGMENTEE**
[72] BAR-ZEEV, AVI, US
[72] LEWIS, JOHN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **ORGANIC AMINE SALTS OF AMINOBENZOIC ACID DERIVATIVES AND METHOD FOR PRODUCING SAME**
[54] **SEL D'AMINE ORGANIQUE D'UN DERIVE DE L'ACIDE AMINOBENZOIQUE ET SON PROCEDE DE PRODUCTION**
[72] IWAMOTO, SHUNSUKE, JP
[72] NAKANO, SATOSHI, JP
[72] ISHIDA, MARIKO, JP
[72] YAMAMOTO, MASAO, JP
[72] TAKEUCHI, KAZUYA, JP
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[54] **TREATMENT OF ADDICTION AND IMPULSE-CONTROL DISORDERS USING PDE7 INHIBITORS**
[54] **TRAITEMENT D'ADDICTION ET DE TROUBLES DE CONTROLE DES IMPULSIONS AU MOYEN D'INHIBITEURS DE LA PDE7**
[72] DEMOPULOS, GREGORY A., US
[72] GAITANARIS, GEORGE A., US
[73] OMEROS CORPORATION, US
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[54] **PRODUCTION TUBING AND PUMP DRIVER CONTROL LINES COMBINATION FOR SUSPENDING PROGRESSIVE CAVITY PUMP AND PUMP DRIVER IN A PRODUCTION ASSEMBLY**
[54] **COMBINAISON DE TUBULURE DE PROTECTION ET DE LIGNES DE COMMANDE DE DISPOSITIF D'ENTRAINENT DE POMPE POUR SUSPENSION D'UNE POMPE A CAVITE PROGRESSIVE ET D'UN DISPOSITIF D'ENTRAINEMENT DE POMPE DANS UN ENSEMBLE DE PRODUCTION**
[72] MORRIS, COLLIN RICKEY, CA
[73] CJS PRODUCTION TECHNOLOGIES INC., CA
[85] 2013-05-15
[86] 2011-09-13 (PCT/CA2011/050553)
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[54] **AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS**
[54] **AGONISTES AMELIORANT LA LIAISON DE CELLULES EXPRIMANT DES INTEGRINES A DES RECEPTEURS D'INTEGRINES**
[72] BIEDIGER, RONALD J., US
[72] GUNDLACH, C. WILLIAM, IV, US
[72] MARKET, ROBERT V., US
[72] SAVAGE, MICHAEL M., US
[72] VANDERSLICE, PETER, US
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[54] **COMPOSITION LUBRIFIANTE CONTENANT MELANGE DE MODIFICATEUR DE FROTTEMENT**
[72] SUEN, YAT FAN, US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **COMPOSITION ET PROCEDE DE LUTTE CONTRE LES ARTHROPODES NUISIBLES**
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[72] SAKAMOTO, NORIHISA, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[72] ZARDINI, FABIO, IT
[73] STEELCO SPA, IT
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[54] **UNE FORMULATION DE DOSAGE SOLIDE D'INHIBITEUR DE LA PROTEASE DU VIH DESTINEE AU TRAITEMENT DU VIH/SIDA**
[72] ROSENBERG, JOERG, DE
[72] REINHOLD, ULRICH, DE
[72] LIEPOLD, BERND, DE
[72] BERNDL, GUNTHER, DE
[72] BREITENBACH, JORG, DE
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[73] ABBVIE INC., US
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[54] **SYSTEMES ET METHODES POUR EXECUTER DES PARTIES ININTERROMPUES**
[72] FROY, DAVID, CA
[72] BABIN, PETER, CA
[72] GADHER, BHARAT, CA
[72] IDRIS, FAYEZ, CA
[72] PLESKONJIC, DRAGAN, RS
[72] POST, PETER, AT
[72] MCINTYRE, ANDREW, CA
[73] IGT CANADA SOLUTIONS ULC, CA
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[54] **METHODS AND APPARATUS FOR TUNING A COMMUNICATION DEVICE**
[54] **METHODES ET APPAREIL POUR SYNTONISER UN APPAREIL DE COMMUNICATION**
[72] MAN, YING TONG, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE, SYSTEME ET APPAREIL PERMETTANT DE GERER UN INVENTAIRE**
[72] BAILEY, IAN, CA
[72] WONG, KEVIN, CA
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[73] NULOGY CORPORATION, CA
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[54] **RECHERCHE ET REPONSE VOCALE FONDEE SUR LA PERTINENCE**
[72] BECKFORD, IAN O'NEAL, US
[72] GUHL, MICHAEL L., US
[72] HAIDRI, ANEES, US
[72] SCHOLZ, KEVIN JAMES, US
[72] STERK, PAUL, US
[73] HOME DEPOT INTERNATIONAL, INC., US
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[54] **DISPOSITIF D'INDUCTION DE SEMENCES POUR UNE MACHINE AGRICOLE COMPORTANT UN CANAL DE DERIVATION D'AIR**
[72] JOHNSON, CHAD M., US
[72] LEGNER, FRANK C., III, US
[72] ROBERGE, MARTIN J., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **OPTICALLY ACTIVE 2-HYDROXY TETRAHYDROTHIENOPYRIDINE DERIVATIVES, PREPARATION METHOD AND USE IN TREATING THROMBOSIS AND EMBOLISM RELATED DISEASES**
[54] **DERIVES DE 2-HYDROXY TETRAHYDROTHIENOPYRIDINE OPTIQUEMENT ACTIFS, METHODE DE PREPARATION ET UTILISATION POUR LE TRAITEMENT DE THROMBOSE ET DE MALADIES ASSOCIEES A L'EMBOLISME**
[72] SUN, HONGBIN, CN
[72] SHAN, JIAQI, CN
[72] ZHANG, BOYU, CN
[72] YUAN, FANG, CN
[73] JIANGSU VCARE PHARMATECH CO., LTD., CN
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[54] **CALIBRATION OF LASER LIGHT SECTION SENSORS DURING SIMULTANEOUS MEASUREMENT**
[54] **ETALONNAGE DE DETECTEURS DE COUPE OPTIQUE LASER SIMULTANEMENT A LA MESURE**
[72] FREITAG, STEFAN, DE
[72] SEDLMAIER, ALBERT, DE
[72] LANG, UDO, DE
[73] DATA M SHEET METAL SOLUTIONS GMBH, DE
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[54] **BLADE-PLATFORM ASSEMBLY FOR SUPERSONIC FLOW**
[54] **ENSEMBLE PALE-PLATEFORME POUR ECOULEMENT SUPERSONIQUE**
[72] CELLIER, DAMIEN, FR
[72] PERROT, VINCENT PAUL GABRIEL, FR
[72] RIOS, JEAN-FRANCOIS, FR
[73] SNECMA, FR
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[54] **COMPOSITIONS DE MICROGEL**
[72] SAUNDERS, BRIAN, GB
[72] MILANI, AMIR HOSSEIN, GB
[72] LIU, RUIXUE, GB
[72] FREEMONT, ANTHONY, GB
[73] GELEXIR HEALTHCARE LIMITED, GB
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[54] **HOMES AND HOME CONSTRUCTION**
[54] **HABITATIONS ET CONSTRUCTION D'HABITATIONS**
[72] BIFFIS, LOU G., CA
[72] BIFFIS, PETER R., CA
[72] BIFFIS, DINO R., CA
[72] LOMBARDI, ROCCO A., CA
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[54] **SYSTEME DE MESURE DES EMISSIONS**
[72] MILLER, DAVID W., US
[72] BECKMANN, BRIAN J., US
[72] ALEXANDER, AARON G., US
[72] LEATHERLAND, WILLIAM EARL, JR., US
[73] GLOBAL MRV, INC., US
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[54] **ESTER RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINES A ESTERS**
[72] GOREDEMA, ADELA, CA
[72] CARLINI, RINA, CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] MORIMITSU, KENTARO, CA
[73] XEROX CORPORATION, US
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[54] **DRIVEN GUIDE SYSTEMS FOR LIFTS**
[54] **SYSTEMES DE GUIDAGE MOTORISES POUR DISPOSITIFS DE LEVAGE**
[72] MCINTOSH, DAVID, CA
[72] SMITH, STEVE M., CA
[73] MCINTOSH, DAVID, CA
[73] SMITH, STEVE M., CA
[85] 2013-12-03
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[54] **HEPARIN ENTITIES AND METHODS OF USE**
[54] **ENTITES D'HEPARINE ET METHODES D'UTILISATION**
[72] BIRAN, ROY, US
[72] CLAUDE, CHARLES D., US
[72] CLEEK, ROBERT L., US
[72] DRUMHELLER, PAUL D., US
[72] LI, MEI, US
[72] MARDIROSIAN, NORA, US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **COMPOSITION AND FORMULATION COMPRISING RECOMBINANT HUMAN IDURONATE-2-SULFATASE AND PREPARATION METHOD THEREOF**
[54] **COMPOSITION ET FORMULATION COMPRENANT DE L'IDURONATE-2-SULFATASE HUMAINE RECOMBINEE ET PROCEDE POUR LA PREPARER**
[72] JIN, THONG-GYU, KR
[72] CHUNG, YO KYUNG, KR
[72] PAIK, SANG HOON, KR
[72] PARK, YOO CHANG, KR
[72] SEO, JINWOOK, KR
[72] CHOI, YONG WOON, KR
[72] SON, JONG MUN, KR
[72] KIM, YONG-CHUL, KR
[73] GREEN CROSS CORPORATION, KR
[73] MEDIGENEBIO CORPORATION, KR
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[54] **CONDUCTOR COVER APPLICATOR WITH SPOOL**
[54] **APPLICATEUR DE COUVERCLE DE CONDUCTEUR AVEC BOBINE**
[72] NILES, MARTIN, CA
[73] CANTEGA TECHNOLOGIES INC., CA
[86] (2839750)
[87] (2839750)
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[54] **COATING NOZZLE FOR HIGH-VISCOSITY PAINT**
[54] **BUSE POUR PEINTURE DE REVETEMENT A VISCOSITE ELEVEE**
[72] KATSUNO, TOMOAKI, JP
[72] HIRAKI, TOSHIMICHI, JP
[73] AISIN KAKO KABUSHIKI KAISHA, JP
[86] (2839925)
[87] (2839925)
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[54] **PROSTHESIS**
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[72] FITZPATRICK, NOEL, GB
[72] BLUNN, GORDON, GB
[72] MESWANIA, JAYANTILAL MOHANLAL, GB
[73] FITZBIONICS LIMITED, GB
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[54] **REMOTE-CONTROLLED MATERIAL-CONVEYING SYSTEM**
[54] **SYSTEME DE TRANSPORT DE MATERIAU TELECOMMANDE**
[72] BELLUK, BRENT, CA
[72] STRYDHORST, TIM, CA
[72] MANNING, CHRIS, CA
[72] WILCOX, BRIAN, CA
[73] AG GROWTH INTERNATIONAL INC., CA
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[54] **METHOD FOR MANUFACTURING A HYBRID COMPONENT**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT HYBRIDE**
[72] HOEBEL, MATTHIAS, CH
[72] ETTER, THOMAS, CH
[72] KONTER, MAXIM, CH
[72] SCHURB, JULIUS, CH
[73] ANSALDO ENERGIA IP UK LIMITED, GB
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[54] **METHOD AND SYSTEM FOR STACKING AND SEALING HYDRODYNAMIC SEPARATION LAYERS**
[54] **PROCEDE ET SYSTEME D'EMPILEMENT ET D'ETANCHEISATION DE COUCHES DE SEPARATION HYDRODYNAMIQUES**
[72] JOHNSON, DAVID MATHEW, US
[72] KOLE, ASHUTOSH, US
[72] MELDE, KAI, DE
[73] PALO ALTO RESEARCH CENTER INCORPORATED, US
[86] (2843861)
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[54] **METHODS AND APPARATUSES FOR ENCODING AND DECODING VIDEO USING PERIODIC BUFFER DESCRIPTION**
[54] **PROCEDES ET APPAREILS PERMETTANT DE CODER ET DE DECODER UNE VIDEO AU MOYEN D'UNE DESCRIPTION PERIODIQUE DE TAMPON**
[72] WAHADANIAH, VIKTOR, SG
[72] LIM, CHONG SOON, SG
[72] NAING, SUE MON THET, SG
[72] SUN, HAI WEI, SG
[72] NISHI, TAKAHIRO, JP
[72] SASAI, HISAO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
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[54] **CAGE VERTEBRALE A EXPANSION SELECTIVE AVEC INFUSION DE GREFFON OSSEUX AMELIOREE**
[72] SHULOCK, DAMIEN J., US
[72] ASHLEY, JOHN E., US
[72] GROTZ, THOMAS, US
[72] PRETTI, RUDY, US
[73] HOWMEDICA OSTEONICS CORP., US
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[25] EN
[54] **AXLE ASSEMBLY FOR AGRICULTURAL APPLICATOR**
[54] **ENSEMBLE ESSIEU POUR APPLICATEUR AGRICOLE**
[72] RUPPERT, REX L., US
[72] FISCHER, GREG, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[85] 2014-02-25
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[54] **AN ORTHOPEDIC CHAIR FOR TREATMENT AND PREVENTION OF SPINAL DISEASES**
[54] **CHAISE ORTHOPEDIQUE POUR LE TRAITEMENT ET LA PREVENTION DES MALADIES DE LA COLONNE VERTEBRALE**
[72] PHAM THI KIM, LOAN, VN
[73] PHAM THI KIM, LOAN, VN
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[54] **POLYESTER RESINS COMPRISING GALLIC ACID AND DERIVATIVES THEREOF**
[54] **RESINES DE POLYESTER COMPRENANT DE L'ACIDE GALLIQUE ET DERIVES DE CELLES-CI**
[72] ZHOU, KE, CA
[72] SACRIPANTE, GUERINO, CA
[72] SABAN, MARKO D., CA
[73] XEROX CORPORATION, US
[86] (2847984)
[87] (2847984)
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[25] EN
[54] **NCC-BASED SUPRAMOLECULAR MATERIALS FOR THERMOPLASTIC AND THERMOSET POLYMER COMPOSITES**
[54] **MATERIAUX SUPRAMOLECULAIRES A BASE DE CELLULOSE NANOCRISTALLINE POUR COMPOSITES POLYMERES THERMOPLASTIQUES ET THERMODURCIS**
[72] HAMAD, WADOOD Y., CA
[72] SU, SHUNXING, CA
[73] CELLUFORCE INC., CA
[85] 2014-03-11
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[54] **WAVE GRIPPING CORE SLEEVE**
[54] **MANCHON DE COEUR DE SAISIE A ONDES**
[72] HOXHA, VLADIMIR, CA
[73] HUBBELL INCORPORATED, US
[85] 2014-03-13
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[54] **ICE PULVERIZING KNIFE AND ICE PULVERIZING DEVICE COMPRISING AN ICE PULVERIZING KNIFE**
[54] **COUTEAU PULVERISATEUR DE GLACE ET DISPOSITIF DE PULVERISATION DE GLACE COMPORTANT UN COUTEAU PULVERISATEUR DE GLACE**
[72] CHARBONNEAU, GUY, CA
[73] 9105-3561 QUEBEC INC., CA
[86] (2849830)
[87] (2849830)
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[54] **EXTINCTION DES INCENDIES A BASE DE GONFLEUR**
[72] COX, MATTHEW A., US
[72] SMITH, BRADLEY W., US
[72] PARKINSON, DAVID W., US
[73] ORBITAL ATK, INC., US
[85] 2014-03-24
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[54] **METHOD FOR PRODUCING 4,4-DIFLUORO-3,4-DIHYDROISOQUINOLINE DERIVATIVES**
[54] **PROCEDE DE FABRICATION DE DERIVE DE 4,4-DIFLUORO-3,4-DIHYDROISOQUINOLEINE**
[72] UMETANI, HIDEKI, JP
[72] KONDO, NOBUHIRO, JP
[72] KAJINO, FUMIE, JP
[73] MITSUI CHEMICALS AGRO, INC., JP
[85] 2014-03-27
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[54] **SACRIFICIAL ADHESIVE COATINGS**
[54] **REVETEMENTS ADHESIFS SACRIFICIELS**
[72] SALAMONE, JOSEPH C., US
[72] SALAMONE, ANN BEAL, US
[72] YU, XIANG, US
[72] IRWIN, LEVI J., US
[73] ROCHAL INDUSTRIES, LLC, US
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[54] **NEGATIVE CHARGE CARRIER RESINS WITH RH SENSITIVITY**
[54] **RESINES DE PORTEURS DE CHARGE NEGATIVE A SENSIBILITE RH**
[72] VEREGIN, RICHARD P N, CA
[72] KOVALENKO, ANDRIY, CA
[72] GUSAROV, SERGEY, CA
[72] VANBESIEN, DARYL W., CA
[72] LI, QINGBIN, CA
[72] HAWKINS, MICHAEL S., CA
[73] XEROX CORPORATION, US
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[22] 2014-05-21
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[54] **HIGH DENIER PER FILAMENT AND LOW TOTAL DENIER TOW BANDS**
[54] **RUBANS DE CABLE A DENIER ELEVE PAR FILAMENT ET A FIN DENIER TOTAL**
[72] BUNDREN, CHRISTOPHER M., US
[72] SANDERSON, WILLIAM S., US
[72] BUSBY, PAUL, US
[72] CLARK, EDWARD J., US
[73] ACETATE INTERNATIONAL LLC, US
[85] 2014-04-29
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[54] **OPTIMIZED PNEUMATIC DRIVE LINES**
[54] **LIGNES DE COMMANDE PNEUMATIQUE OPTIMISEES**
[72] MCDONELL, BRIAN WILLIAM, US
[72] FINODEYEV, FILIP, US
[73] ALCON RESEARCH, LTD., US
[85] 2014-04-30
[86] 2012-11-28 (PCT/US2012/066714)
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[25] EN
[54] **METHOD FOR VIDEO CODING AND APPARATUS**
[54] **METHODE DE CODAGE VIDEO ET APPAREIL**
[72] BICI, MEHMET OGUZ, FI
[72] LAINEMA, JANI, FI
[72] UGUR, KEMAL, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2014-05-05
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[25] EN
[54] **IMPROVED PROCESS FOR THE MANUFACTURE OF ALCOHOLIC BEVERAGES AND PRODUCTS PRODUCED BY SUCH PROCESS**
[54] **PROCEDE AMELIORE POUR LA FABRICATION DE BOISSONS ALCOOLIQUES ET PRODUITS PRODUITS PAR UN TEL PROCEDE**
[72] STRYDOM, TREVOR, ZA
[72] VAN NIEKERK, MICHAEL, ZA
[72] GHAI, OLIVER, ZA
[73] RED DAWN IP HOLDINGS (PTY) LTD., ZA
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[54] **KNITTED SUBSTRATE FOR USE IN MEDICAL BANDAGING PRODUCT AND BANDAGING PRODUCT**
[54] **SUBSTRAT TRICOTE A UTILISER DANS UN PRODUIT DE BANDAGE MEDICAL ET PRODUIT DE BANDAGE**
[72] EVANS, JOHN C., GB
[73] BSN MEDICAL, INC., US
[85] 2014-05-16
[86] 2012-12-11 (PCT/US2012/068914)
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[30] US (61/569,520) 2011-12-12

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[25] EN
[54] **GENERATING SPONSORED STORY UNITS INCLUDING RELATED POSTS AND INPUT ELEMENTS**
[54] **GENERATION D'UNITES D'HISTOIRE SPONSORISEE COMPRENANT DES ARTICLES RELATIFS ET DES ELEMENTS D'ENTREE**
[72] ADAMS, PAUL, US
[72] PAI, CAROL CHIA-FAN, US
[73] FACEBOOK, INC., US
[85] 2014-05-28
[86] 2013-01-09 (PCT/US2013/020880)
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[54] **DETECTING BROADSIDE ACOUSTIC SIGNALS WITH A FIBER OPTICAL DISTRIBUTED ACOUSTIC SENSING (DAS) ASSEMBLY**
[54] **DETECTION DE SIGNAUX ACOUSTIQUES A LARGE BANDE AU MOYEN D'UN ENSEMBLE DE DETECTION ACOUSTIQUE REPARTI (DAS) A FIBRE OPTIQUE**
[72] DEN BOER, JOHANNIS JOSEPHUS, NL
[72] MATEEVA, ALBENA ALEXANDROVA, US
[72] PEARCE, JEREMIAH GLEN, US
[72] MESTAYER, JEFFERY JOSEPH, US
[72] BIRCH, WILLIAM, GB
[72] LOPEZ, JORGE LOUIS, US
[72] HORNMAN, KEES, NL
[72] KUVSHINOV, BORIS NIKOLAEVICH, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2014-06-04
[86] 2012-12-13 (PCT/US2012/069464)
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[25] EN
[54] **ABETA ANTIBODY FORMULATION**
[54] **FORMULATION D'ANTICORPS ANTI-PEPTIDE ABETA**
[72] GOLDBACH, PIERRE, FR
[72] MAHLER, HANNS-CHRISTIAN, CH
[72] MUELLER, ROBERT, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-07-03
[86] 2013-03-05 (PCT/EP2013/054313)
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[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/186 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **CODING PARAMETER SETS AND NAL UNIT HEADERS FOR VIDEO CODING**
[54] **CODAGE D'ENSEMBLES DE PARAMETRES ET D'EN-TETES D'UNITE NAL POUR CODAGE VIDEO**
[72] CHEN, YING, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-07-07
[86] 2013-01-11 (PCT/US2013/021227)
[87] (WO2013/106705)
[30] US (61/586,777) 2012-01-14
[30] US (61/587,070) 2012-01-16
[30] US (61/588,629) 2012-01-19
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[51] **Int.Cl. F04B 9/109 (2006.01) F04B 11/00 (2006.01) F04B 43/06 (2006.01)**
[25] EN
[54] **POSITIVE DISPLACEMENT PUMP AND OPERATING METHOD THEREOF**
[54] **POMPE VOLUMETRIQUE ET PROCEDE D'EXPLOITATION DE LADITE POMPE VOLUMETRIQUE**
[72] GIESSBACH, ALFRED, DE
[72] JAEGER, NORBERT, DE
[73] AKER WIRTH GMBH, DE
[85] 2014-03-27
[86] 2012-09-28 (PCT/EP2012/069160)
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[30] DE (10 2011 054 073.3) 2011-09-30
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[25] EN
[54] **COCKTAIL PLATE**
[54] **ASSIETTE A COCKTAIL**
[72] ZOX, JOHN, US
[73] ZOX, JOHN, US
[85] 2014-06-25
[86] 2012-07-19 (PCT/US2012/047325)
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[54] **ENDOPROSTHESIS WITH VARYING COMPRESSIBILITY AND METHODS OF USE**
[54] **ENDOPROTHESE A COMPRESSIBILITE VARIANT ET PROCEDES D'UTILISATION**
[72] BUCKLEY, KYLE R., US
[72] ESPEN, BENJAMIN L., US
[72] ZUKOWSKI, STANISLAW L., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-07-17
[86] 2013-01-15 (PCT/US2013/021520)
[87] (WO2013/122706)
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[25] EN
[54] **INTEGRATED PROCESS FOR PRODUCTION OF OZONE AND OXYGEN**
[54] **PROCEDE INTEGRE POUR LA PRODUCTION D'OZONE ET D'OXYGENE**
[72] GOLDEN, TIMOTHY CHRISTOPHER, US
[72] DHOLAKIA, VIPUL P., US
[72] SISODIA, SUNITA S., US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2862972)
[87] (2862972)
[22] 2014-09-09
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[25] EN
[54] **METHOD FOR PURIFYING AND CONDITIONING THE WATER-STEAM CIRCUIT OF A POWER PLANT, ESPECIALLY OF A NUCLEAR POWER PLANT**
[54] **PROCEDE DE NETTOYAGE ET DE CONDITIONNEMENT D'UN CIRCUIT DE VAPEUR D'EAU D'UNE CENTRALE, EN PARTICULIER D'UNE CENTRALE NUCLEAIRE**
[72] RAMMINGER, UTE, DE
[72] FANDRICH, JORG, DE
[72] ROUMIGUIERE, FERNANDO-MARIO, DE
[73] AREVA GMBH, DE
[85] 2014-07-29
[86] 2013-02-27 (PCT/EP2013/053919)
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[54] **HEAVY ALKYLBENZENE PRODUCTION THROUGH OLIGOMERIZATION**
[54] **PRODUCTION D'ALKYLBENZENE LOURD PAR OLIGOMERISATION**
[72] BOZZANO, ANDREA G., US
[72] BRICKER, JEFFERY C., US
[72] GLOVER, BRYAN K., US
[73] UOP LLC, US
[85] 2014-08-15
[86] 2013-03-12 (PCT/US2013/030366)
[87] (WO2013/142137)
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[25] EN
[54] **METHODS OF INERTING LITHIUM-CONTAINING BATTERIES AND ASSOCIATED CONTAINERS**
[54] **PROCECEDES D'INERTAGE D'ACCUMULATEURS AU LITHIUM ET CONTENANTS ASSOCIES**
[72] BIANCHI, MAURICE P., US
[72] KIRSHMAN, DAVID, US
[73] THE BOEING COMPANY, US
[86] (2865636)
[87] (2865636)
[22] 2014-09-30
[30] US (14/091994) 2013-11-27

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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/177 (2014.01) H04N 19/513 (2014.01) H04N 19/597 (2014.01)**
[25] EN
[54] **MOVING PICTURE CODING METHOD, MOVING PICTURE DECODING METHOD, MOVING PICTURE CODING APPARATUS, MOVING PICTURE DECODING APPARATUS, AND MOVING PICTURE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE VIDEO, PROCEDE DE DECODAGE VIDEO, DISPOSITIF DE CODAGE VIDEO, DISPOSITIF DE DECODAGE VIDEO ET DISPOSITIF DE CODAGE/DECODAGE VIDEO**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] MATSUNOBU, TORU, JP
[72] TERADA, KENGO, JP
[73] SUN PATENT TRUST, US
[85] 2014-09-02
[86] 2013-02-28 (PCT/JP2013/001198)
[87] (WO2013/132792)
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[51] **Int.Cl. G01V 1/48 (2006.01)**
[25] EN
[54] **MACHINES, SYSTEMS, AND METHODS FOR SUPER-VIRTUAL BOREHOLE SONIC INTERFEROMETRY**
[54] **MACHINES, SYSTEMES ET PROCEDES D'INTERFEROMETRIE SONIQUE DE SONDAGE SUPER-VIRTUELLE**
[72] ALSHUHAIL, ABDULRAHMAN, SA
[72] ALDAWOOD, ALI ABDULHAMEED, SA
[72] AL-SHUHAIL, ABDULLATIF, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, SA
[85] 2014-09-17
[86] 2013-03-28 (PCT/US2013/034237)
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[25] EN
[54] **CYB5 AND CYP17 MUTATIONS FOR ALTERATION OF 16-ANDROSTENE STEROID SYNTHESIS AND REDUCED BOAR TAINT IN PIGS**
[54] **MUTATIONS DE CYB5 ET DE CYP17 POUR LA MODIFICATION DE LA SYNTHESE DE STEROIDES 16-ANDROSTENES ET L'ODEUR SEXUELLE REDUITE CHEZ LES COCHONS**
[72] SQUIRES, E. JAMES, CA
[73] E.J. SQUIRES, LTD., CA
[73] GENUS, PLC, US
[85] 2014-09-18
[86] 2013-03-21 (PCT/US2013/033316)
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[25] EN
[54] **PROXIMITY SENSING ON MOBILE ROBOTS**
[54] **DETECTION DE PROXIMITE SUR ROBOTS MOBILES**
[72] SHAMLIAN, STEVEN V., US
[72] DUFFLEY, SAMUEL, US
[72] ROMANOV, NIKOLAI, US
[73] IROBOT CORPORATION, US
[85] 2014-09-26
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[51] **Int.Cl. B65D 51/24 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **COUVERCLE FIXE A UN CONTENANT PAR UN COLLIER**
[72] MCBROOM, JEREMY, US
[72] PERRY, JAMES, US
[73] ABBOTT LABORATORIES, US
[85] 2014-10-27
[86] 2013-04-26 (PCT/US2013/038468)
[87] (WO2013/163583)
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[51] **Int.Cl. A23B 4/005 (2006.01) A23L 17/00 (2016.01) A23B 4/14 (2006.01)**
[25] FR
[54] **METHOD FOR CONSERVING FOODSTUFFS INCLUDING FISH**
[54] **PROCEDE DE CONSERVATION DE DENREES ALIMENTAIRES COMPRENANT DU POISSON**
[72] OLIVIERI, ALAIN, FR
[72] RONSIN, BENOIT, FR
[72] NAULEAU, CHRISTINE, FR
[73] ETABLISSEMENTS PAUL PAULET, FR
[85] 2014-11-12
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[25] EN
[54] **PHASE MASK PERIOD CONTROL**
[54] **COMMANDE DE PERIODE DE MASQUE DE PHASE**
[72] HOMA, DANIEL S., US
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-11-13
[86] 2012-09-07 (PCT/US2012/054168)
[87] (WO2013/055469)
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[51] **Int.Cl. B07B 1/46 (2006.01) B01D 25/00 (2006.01)**
[25] EN
[54] **INJECTION MOLDED SCREENING APPARATUSES AND METHODS**
[54] **DISPOSITIFS DE TAMISAGE MOULES PAR INJECTION ET PROCEDES**
[72] WOJCIECHOWSKI, KEITH F., US
[73] DERRICK CORPORATION, US
[85] 2014-11-19
[86] 2013-03-13 (PCT/US2013/030960)
[87] (WO2013/176747)
[30] US (61/652,039) 2012-05-25
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[25] EN
[54] **BONE FUSION DEVICE**
[54] **DISPOSITIF DE FUSION OSSEUSE**
[72] MCLUEN, GARY R., US
[72] REMINGTON, BENJAMIN J., US
[72] BAKER, DANIEL R., US
[72] LOGAN, JOSEPH N., US
[72] STALCUP, GREGORY C., US
[73] NEUROPRO TECHNOLOGIES, INC., US
[85] 2014-11-25
[86] 2013-05-21 (PCT/US2013/042066)
[87] (WO2013/181024)
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[51] **Int.Cl. H04L 9/32 (2006.01) G05B 99/00 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **INDUSTRIAL CONTROL SYSTEM REDUNDANT COMMUNICATIONS/CONTROL MODULES AUTHENTICATION**
[54] **AUTHENTIFICATION PAR MODULES DE COMMANDE/COMMUNICATION REDONDANTS DE SYSTEME INDUSTRIEL DE COMMANDE**
[72] CLISH, TIMOTHY, US
[72] GALPIN, SAMUEL, US
[72] CALVIN, JAMES G., US
[72] ROOYAKKERS, ALBERT, US
[73] BEDROCK AUTOMATION PLATFORMS INC., US
[86] (2875518)
[87] (2875518)
[22] 2014-12-19
[30] US (14/519,047) 2014-10-20
[30] US (14/469,931) 2014-08-27
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[25] EN
[54] **COMPOSITIONS COMPRISING PROBIOTIC AND SWEETENER COMPONENTS**
[54] **COMPOSITIONS COMPRENANT DES COMPOSANTS PROBIOTIQUES ET DES COMPOSANTS EDULCORANTS**
[72] STOJANOVIC, MARKO, US
[73] MARS, INCORPORATED, US
[86] (2875889)
[87] (2875889)
[22] 2006-04-04
[62] 2,604,835
[30] US (60/670,125) 2005-04-11
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[51] **Int.Cl. B60R 21/2338 (2011.01) B60R 21/2346 (2011.01) B60R 21/207 (2006.01) B60R 21/239 (2006.01)**
[25] EN
[54] **VEHICLE SIDE AIR BAG DEVICE**
[54] **DISPOSITIF DE COUSSIN GONFLABLE LATERAL DE VEHICULE**
[72] FUJIWARA, YUSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-01-16
[86] 2013-06-13 (PCT/JP2013/066396)
[87] (WO2014/013822)
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[51] **Int.Cl. C01B 13/11 (2006.01) H01T 23/00 (2006.01)**
[25] EN
[54] **OZONE GENERATING APPARATUS**
[54] **APPAREIL DE GENERATION D'OZONE**
[72] TAKAHASHI, RYOICHI, JP
[72] MURATA, TAKAAKI, JP
[72] NODA, KAZUHIKO, JP
[72] KUBO, KIE, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2015-02-06
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[87] (WO2014/024510)
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[51] **Int.Cl. B23K 13/02 (2006.01) B21C 37/08 (2006.01) B23K 13/08 (2006.01) B23K 13/00 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDED PIPE WELDING APPARATUS**
[54] **DISPOSITIF DE SOUDAGE POUR TUBE SOUDE PAR RESISTANCE ELECTRIQUE**
[72] HIROTA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-06
[86] 2013-07-30 (PCT/JP2013/070652)
[87] (WO2014/027564)
[30] JP (2012-181052) 2012-08-17

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[51] **Int.Cl. A47C 3/16 (2006.01) A47C 9/00 (2006.01) A47C 15/00 (2006.01)**
[25] EN
[54] **A SITTING DEVICE FOR PREVENTION OF SPINAL DISEASES**
[54] **DISPOSITIF D'ASSISE POUR LA PREVENTION DE MALADIES DE LA COLONNE VERTEBRALE**
[72] KIM THI PHAM, LOAN, VN
[73] KIM THI PHAM, LOAN, VN
[85] 2015-02-12
[86] 2012-08-15 (PCT/IB2012/054164)
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[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING A PREDETERMINED AMOUNT OF FILM RELATIVE TO LOAD GIRTH**
[54] **METHODE ET DISPOSITIF PERMETTANT DE DISTRIBUER UNE QUANTITE PREDETERMINEE DE FILM PAR RAPPORT A LA SANGLE DE LA CHARGE**
[72] LANCASTER, PATRICK R., III, US
[73] LANTECH.COM, LLC, US
[86] (2882682)
[87] (2882682)
[22] 2006-04-07
[62] 2,758,148
[30] US (60/669,344) 2005-04-08

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[51] **Int.Cl. A61L 27/34 (2006.01) A61L 17/14 (2006.01) A61L 27/54 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) C09D 129/04 (2006.01)**
[25] EN
[54] **POLYTETRAFLUOROETHYLENE CO-POLYMER EMULSIONS**
[54] **EMULSIONS DE COPOLYMERE DE POLYTETRAFLUOROETHYLENE**
[72] CLEEK, ROBERT L., US
[72] CULLY, EDWARD H., US
[72] DRUMHELLER, PAUL D., US
[72] HOLLAND, THERESA A., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-02-20
[86] 2013-09-13 (PCT/US2013/059787)
[87] (WO2014/043556)
[30] US (61/700,842) 2012-09-13
[30] US (61/780,913) 2013-03-13
[30] US (14/025,706) 2013-09-12
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[13] C
[51] **Int.Cl. A61K 31/718 (2006.01) A61K 36/81 (2006.01) A61P 1/00 (2006.01) A61P 1/12 (2006.01)**
[25] EN
[54] **TREATMENT OF DIARRHEA AND POST-WEANING DIARRHEA WITH RESISTANT POTATO STARCH**
[54] **TRAITEMENT D'UNE DIARRHEE ET D'UNE DIARRHEE POST-SEVRAGE PAR DE L'AMIDON DE POMME DE TERRE RESISTANT**
[72] MCLAREN, DEREK, CA
[72] MCLAREN, EARL, CA
[73] MCPHARMA BIOTECH INC., CA
[85] 2015-03-05
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[54] **HAMMER UNION CONNECTION AND RELATED METHODS OF ASSEMBLY**
[54] **ACCOUPLEMENT DE RACCORD DE MARTEAU ET PROCEDES D'ASSEMBLAGE ASSOCIES**
[72] UNGCHUSRI, TEP, US
[72] CRAWFORD, PAUL A., US
[72] GARNER, WILLIAM H., US
[72] KILLINGSWORTH, ALAN R., US
[72] CHOI, KING F., US
[73] FMC TECHNOLOGIES, INC., US
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[54] **CASCADES THERMOFORMEES POUR INVERSEURS DE POUSSEE DE MOTEUR A REACTION**
[72] BARTEL, AARON WILLIAM, US
[72] MORROW, ROBERT DAREL, US
[72] SCOTT, ALAN JAMES, US
[72] CURAUDEAU, ALEXANDRE D., US
[72] OLANIYAN, TUNDE ABIODUN, US
[72] ENGLAND, LEONARD JOSEPH, US
[72] WILKERSON, RANDALL DOW, US
[72] WESTBERG, ROBIN L., US
[73] THE BOEING COMPANY, US
[86] (2884995)
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[25] EN
[54] **CHARACTERIZATION OF ROCK AND OTHER SAMPLES BY PROCESS AND SYSTEM FOR THE PREPARATION OF SAMPLES USING CASTABLE MOUNTING MATERIALS**
[54] **CARACTERISATION DE ROCHE ET D'AUTRES ECHANTILLONS PAR PROCESSUS ET SYSTEME DE PREPARATION D'ECHANTILLONS UTILISANT DES MATIERES DE MONTAGE APTES A ETRE COULEES**
[72] GUZMAN, BRYAN, US
[72] DERZHI, NAUM, US
[73] INGRAIN, INC., US
[85] 2015-04-28
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[54] **PROCESS OF GENERATING A RENEWABLE BIOFUEL FROM A HYDROTREATED STREAM OF CONDENSED OXYGENATES**
[54] **PROCEDE DE PRODUCTION D'UN BIOCARBURANT RENOUVELABLE A PARTIR D'UN COURANT HYDROTRAITE DE COMPOSES OXYGENES CONDENSES**
[72] TREWELLA, JEFFREY C., US
[72] SMITH, EDWARD J., US
[72] SANCHEZ, VICENTE, US
[72] MOORE, BRENT, US
[72] MCGOVERN, STEPHEN J., US
[72] BAUER, LORENZ J., US
[72] MAY, LESLIE, US
[72] RAMIREZ CORREDORES, MARIA MAGDALENA, US
[72] PARADISE, CHRISTOPHER, US
[72] KENT, NICHOLAS, US
[73] KIOR, INC., US
[85] 2015-05-12
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[30] US (13/843,406) 2013-03-15

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[54] **CARTRIDGE FOR PREPARING A LIQUID PRODUCT, AND PROCESS FOR PRODUCTION THEREOF**
[54] **CARTOUCHE DE PREPARATION D'UN PRODUIT LIQUIDE ET SON PROCEDE DE PRODUCTION**
[72] CABILLI, ALBERTO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2015-05-21
[86] 2013-12-05 (PCT/IB2013/060665)
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[54] **C20'-UREA DERIVATIVES OF VINCA ALKALOIDS**
[54] **DERIVES D'ALCALOIDES DE LA PERVENCHE A UREE EN C20**
[72] BOGER, DALE L., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2015-05-29
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[54] **ELECTRODE BOILER WITH ELECTRODES UNIT**
[54] **CHAUDIERE A ELECTRODES COMPORTANT UNE UNITE D'ELECTRODES**
[72] ILIN, ANDREY PAVLOVICH, RU
[73] KIM, NO EUL, KR
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[54] **PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES**
[54] **PROCEDE DE PRODUCTION DE PROPENES CHLORES**
[72] TIRTOWIDJOJO, MAX M., US
[72] LAITAR, DAVID S., US
[72] FISH, BARRY B., US
[72] KRUPER, WILLIAM J., JR., US
[73] BLUE CUBE IP LLC, US
[85] 2015-06-05
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[54] **PIT COVER**
[54] **COUVERCLE DE FOSSE**
[72] KNAPP, RYAN W., US
[72] O'DONNELL, MARK, US
[72] SCHUMACHER, STEPHEN, US
[72] TAYLOR, THOMAS, US
[73] MACTON CORPORATION, US
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[25] EN
[54] **LED DRIVING CIRCUIT AND CONTROL SYSTEM**
[54] **CIRCUIT D'ATTAQUE DE LED ET SYSTEME DE COMMANDE**
[72] LU, CHANGJUN, CN
[72] LIU, ZHIYONG, CN
[73] LEYARD OPTOELECTRONIC CO., LTD., CN
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[54] **SYSTEME D'EPANDAGE POUR UNE MOISSONNEUSE AGRICOLE**
[72] ISAAC, NATHAN E., US
[72] DILTS, MARK D., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[85] 2015-06-11
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[54] **COMBUSTION APPARATUS HAVING AIR INTAKE PREHEATER**
[54] **APPAREIL DE COMBUSTION POURVU D'UN PRECHAUFFEUR D'ADMISSION D'AIR**
[72] KIM, YOUNG MO, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2015-06-18
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING A VEHICLE TO A MOVING POINT**
[54] **METHODE ET SYSTEME DE COMMANDE D'UN VEHICULE A UN POINT DE DEPLACEMENT**
[72] HORNBERGER, MICHAEL G., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[73] AUTONOMOUS SOLUTIONS, INC., US
[86] (2897436)
[87] (2897436)
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[25] EN
[54] **POLYPEPTIDE INHIBITORS OF HSP27 KINASE AND USES THEREFOR**
[54] **INHIBITEURS POLYPEPTIDIQUES DE LA HSP27 KINASE ET LEURS UTILISATIONS**
[72] PANITCH, ALYSSA, US
[72] SEAL, BRANDON, US
[72] WARD, BRIAN, US
[73] PURDUE RESEARCH FOUNDATION, US
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[54] **HAIR STYLING DEVICE**
[54] **DISPOSITIF DE COIFFURE**
[72] SMITH, JACYNDA, US
[73] TYME LLC, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/026330)
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[25] EN
[54] **METHOD AND DEVICE FOR IN-LINE INJECTION OF FLOCCULENT AGENT INTO A FLUID FLOW OF MATURE FINE TAILINGS**
[54] **PROCEDE ET DISPOSITIF D'INJECTION EN LIGNE D'UN FLOCULANT DANS UN FLUX DE LIQUIDES DE RESIDUS FINS MURS**
[72] MARTIN, WILLIAM MATTHEW, CA
[72] EASTWOOD, JAMIE, CA
[73] SUNCOR ENERGY INC., CA
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[87] (2898486)
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[54] **ACTUATOR UNIT**
[54] **UNITE D'ACTIONNEUR**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
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[54] **CORPS D'EXTENSION D'AUBE DE ROTOR, ET EOLIENNE**
[72] ERBSLOH, SASCHA, DE
[72] KORJAHN, CHRISTOPH MATTHIAS, DE
[72] TREDE, ALF, DE
[73] SENVION GMBH, DE
[86] (2898738)
[87] (2898738)
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[54] **REMOVAL OF URANIUM FROM WATER**
[54] **ELIMINATION D'URANIUM PRESENT DANS DE L'EAU**
[72] REZKALLAH, ARESKI, FR
[72] FERRARO, JEAN-FRANCOIS, FR
[72] PELLNY, PAUL-MICHAEL, DE
[73] ROHM AND HAAS COMPANY, US
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[86] 2014-01-27 (PCT/US2014/013105)
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[30] US (61/764,189) 2013-02-13

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[54] **PUBLIC LAND MOBILE NETWORK ("PLMN") DISCOVERY COMMUNICATIONS IN A WIRELESS NETWORK**
[54] **COMMUNICATIONS DE DECOUVERTE DE RESEAU MOBILE TERRESTRE PUBLIC (PLMN) DANS UN RESEAU SANS FIL**
[72] MCCANN, STEPHEN, GB
[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2015-08-06
[86] 2014-02-13 (PCT/CA2014/050099)
[87] (WO2014/124536)
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[51] **Int.Cl. C09D 11/36 (2014.01) B23K 37/06 (2006.01) H05K 3/28 (2006.01)**
[25] EN
[54] **SOLDER MASK INK COMPOSITION**
[54] **COMPOSITION D'ENCRE DE MASQUE DE SOUDURE**
[72] WU, YILIANG, CA
[72] NERGER, BRYAN A., CA
[73] XEROX CORPORATION, US
[86] (2901003)
[87] (2901003)
[22] 2015-08-17
[30] US (14/471893) 2014-08-28

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[51] **Int.Cl. H05K 3/28 (2006.01) C09D 11/36 (2014.01) B23K 37/06 (2006.01)**
[25] EN
[54] **METHOD OF AEROSOL PRINTING A SOLDER MASK INK COMPOSITION**
[54] **PROCEDE D'IMPRESSION AEROSOL D'UNE COMPOSITION D'ENCRE DE MASQUE DE SOUDURE**
[72] WU, YILIANG, CA
[72] HALFYARD, KURT, CA
[73] XEROX CORPORATION, US
[86] (2901007)
[87] (2901007)
[22] 2015-08-17
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[54] **FUSIBLE PLUG TYPE PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE SURETE DU TYPE A BOUCHON FUSIBLE**
[72] NOMICHI, KAORU, JP
[72] SUZUKI, YUTAKA, JP
[72] NINOMIYA, MAKOTO, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[87] (WO2014/136376)
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[54] **SHARE TIP AND TOOL COMBINATION HAVING A SHARE TIP**
[54] **POINTE DE SOC OU COMBINAISON D'OUTIL POURVUE D'UNE POINTE DE SOC**
[72] SMEETS, FLORIAN, DE
[73] BETEK GMBH & CO. KG, DE
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[54] **INTERMITTENT DOSING**
[54] **DOSAGE INTERMITTENT**
[72] JERSEY, STEVEN, US
[73] PEPSICO, INC., US
[85] 2015-08-31
[86] 2014-03-14 (PCT/US2014/028484)
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[25] EN
[54] **STOWABLE AIRCRAFT CABIN ATTENDANT SEAT**
[54] **SIEGE ESCAMOTABLE D'AGENT DE BORD D'AERONEF**
[72] JOHNSON, WADE, US
[72] HAUSER, JAMES BRIAN, US
[73] B/E AEROSPACE, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022142)
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[54] **SUPER-RESOLUTION FORMATION FLUID IMAGING**
[54] **IMAGERIE DE FLUIDE EN FORMATION A SUPER-RESOLUTION**
[72] SCHMIDT, HOWARD K., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[86] (2904674)
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[54] **PHENOLIC ADMIX FOR ELECTRODEPOSITABLE COATING COMPOSITION CONTAINING A CYCLIC GUANIDINE**
[54] **MELANGE PHENOLIQUE POUR UNE COMPOSITION DE REVETEMENT POUVANT ETRE ELECTRO-DEPOSEE CONTENANT UNE GUANIDINE CYCLIQUE**
[72] VAN BUSKIRK, ELLOR JAMES, US
[72] WILSON, CRAIG A., US
[72] STONE, DAVID, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-09
[86] 2014-03-07 (PCT/US2014/021831)
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[25] EN
[54] **GOLF CLUB HEADS WITH OPTIMIZED CHARACTERISTICS AND RELATED METHODS**
[54] **TETES DE CLUB DE GOLF AYANT DES CARACTERISTIQUES OPTIMISEES, ET PROCEDES CONNEXES**
[72] SCHWEIGERT, BRADLEY D., US
[72] STOKKE, RYAN M., US
[73] KARSTEN MANUFACTURING CORPORATION, US
[85] 2015-09-09
[86] 2014-03-14 (PCT/US2014/028099)
[87] (WO2014/152880)
[30] US (13/804,859) 2013-03-14
[30] US (13/804,917) 2013-03-14
[30] US (13/826,111) 2013-03-14

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[51] **Int.Cl. B61L 29/28 (2006.01)**
[25] EN
[54] **WIRELESS AND/OR WIRED FREQUENCY PROGRAMMABLE TERMINATION SHUNTS**
[54] **SHUNTS D'EXTREMITE PROGRAMMABLES EN FREQUENCE SANS FIL ET/OU CABLES**
[72] HOGAN, BRIAN, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027800)
[87] (WO2014/143722)
[30] US (13/836,459) 2013-03-15

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[25] EN
[54] **ORGANIC MATERIAL GRINDER AND CIGARETTE FILLER**
[54] **BROYEUR DE MATIERE ORGANIQUE ET MATIERE DE REMPLISSAGE DE CIGARETTE**
[72] RUZYCKY, EWHAN, CA
[73] RUZYCKY, EWHAN, CA
[85] 2015-09-14
[86] 2014-03-14 (PCT/CA2014/000244)
[87] (WO2014/138913)
[30] US (13/838,063) 2013-03-15

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[25] EN
[54] **DISPENSING MECHANISM FOR A MEDICAL DEVICE**
[54] **MECANISME DE DISTRIBUTION POUR UN DISPOSITIF MEDICAL**
[72] CAMMISH, NEIL, GB
[72] HORLOCK, MARK, GB
[73] NORTON HEALTHCARE LIMITED, GB
[85] 2015-09-14
[86] 2014-03-14 (PCT/EP2014/055130)
[87] (WO2014/140294)
[30] GB (1304577.8) 2013-03-14
[30] US (61/782,251) 2013-03-14

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[25] EN
[54] **KNIFE WITH ERGONOMIC HANDLE**
[54] **COUTEAU DOTE D'UNE POIGNEE ERGONOMIQUE**
[72] HUNKELE, PETER GERARD, US
[73] HUNKELE, PETER GERARD, US
[85] 2016-02-24
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[51] **Int.Cl. B23Q 16/00 (2006.01) B29C 65/78 (2006.01)**
[25] EN
[54] **MODULE PLACEMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PLACEMENT DE MODULE**
[72] VANDERPUY, THOMAS, US
[73] MUTH MIRROR SYSTEMS, LLC, US
[85] 2015-09-17
[86] 2014-03-18 (PCT/US2014/031088)
[87] (WO2014/153358)
[30] US (13/847,262) 2013-03-19

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[51] **Int.Cl. A61J 3/00 (2006.01) G16H 20/60 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MAKING CUSTOMIZED FORMULATIONS FOR INDIVIDUALS**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE FORMULATIONS PERSONNALISEES POUR DES INDIVIDUS**
[72] NOEL, LLOYD STATON, US
[72] HUDSON, EDISON THURMAN, US
[73] PANACEA BIOMATX, INC., US
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/025047)
[87] (WO2014/165272)
[30] US (61/777,181) 2013-03-12

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[13] C
[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **ALIGNING TIMING FOR DIRECT COMMUNICATIONS**
[54] **ALIGNEMENT DE TEMPORISATION POUR COMMUNICATIONS DIRECTES**
[72] GAGE, WILLIAM ANTHONY, CA
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA
[72] NOVAK, ROBERT, CA
[72] MUKHERJEE, BISWAROOP, CA
[73] BLACKBERRY LIMITED, CA
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[87] (WO2014/161069)
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[54] **FLEXIBLE FILM BAFFLE IN SINGLE USE BIOREACTOR**
[54] **DEFLECTEUR DE FILM SOUPLE DANS UN BIOREACTEUR A USAGE UNIQUE**
[72] DER, KARA, US
[72] HANSEN, ANNE, US
[72] MCSWEENEY, JAMES, US
[72] KRAUS, DAVID, US
[72] PEARSONS, JEFFREY, US
[72] WOOD, AMY, US
[73] EMD MILLIPORE CORPORATION, US
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[30] US (61/813,726) 2013-04-19

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[25] EN
[54] **METHOD OF DISPARITY DERIVED DEPTH CODING IN 3D VIDEO CODING**
[54] **PROCEDE DE CODAGE DE PROFONDEUR DEDUITE DE L'ECART DANS LE CODAGE VIDEO 3D**
[72] ZHANG, KAI, CN
[72] AN, JICHENG, CN
[72] LIN, JIAN-LIANG, CN
[72] ZHANG, XIANGUO, CN
[73] MEDIATEK SINGAPORE PTE. LTD., SG
[85] 2015-10-15
[86] 2014-07-02 (PCT/CN2014/081460)
[87] (WO2015/007159)
[30] CN (PCT/CN2013/079372) 2013-07-15
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[25] EN
[54] **THERMAL INSULATION OF A FUEL CELL STACK**
[54] **ISOLATION THERMIQUE D'UN EMPILEMENT DE PILE A COMBUSTIBLE**
[72] KONNO, NORISHIGE, JP
[72] OKABE, HIROKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909837)
[87] (2909837)
[22] 2015-10-20
[30] JP (2014-228191) 2014-11-10

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[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **WEED TERMINATING DEVICE USING SUPERHEATED WATER AND SPRING LOADED DISCHARGE VALVE**
[54] **APPAREIL D'ELIMINATION DE MAUVAISES HERBES EMPLOYANT DE L'EAU SUPERCHAUFFEE ET UNE SOUPAPE D'EVACUATION A RESSORT**
[72] LEACH, JOHN, CA
[73] LEACH, JOHN, CA
[86] (2910698)
[87] (2910698)
[22] 2015-10-28
[30] US (62/074,333) 2014-11-03

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[13] C
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL FIBER RIBBON AND OPTICAL FIBER CABLE**
[54] **C□UR DE RUBAN DE FIBRE OPTIQUE ET CABLE DE FIBRE OPTIQUE**
[72] SAJIMA, YOSHIE, JP
[72] MATSUZAWA, TAKASHI, JP
[72] ISAJI, MIZUKI, JP
[72] OSATO, KEN, JP
[72] OKADA, NAOKI, JP
[72] NAKANE, HISAAKI, JP
[72] YAMADA, YUSUKE, JP
[72] KAKUTA, DAISUKE, JP
[72] HAMAGUCHI, SHINYA, JP
[72] SHIBATA, YUKIHIKO, JP
[73] FUJIKURA LTD., JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2015-11-03
[86] 2014-04-28 (PCT/JP2014/061867)
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[54] **OXALOACETATE, OXALOACETIC ACID, AND OXALOACETATE SALTS FOR DELAYING THE ONSET OF NEURODEGENERATIVE DISEASES**
[54] **OXALOACETATE, ACIDE OXALOACETIQUE ET SELS D'OXALOACETATE SERVANT A RETARDER L'APPARITION DES MALADIES NEURODEGENERATIVES**
[72] CASH, ALAN B., US
[73] CASH, ALAN B., US
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[54] **VEHICLE**
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[72] KATANO, KOJI, JP
[72] FURUZAWA, AKIYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911574)
[87] (2911574)
[22] 2015-11-06
[30] JP (2014-231812) 2014-11-14

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[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 4/88 (2006.01)**
[25] EN
[54] **ELECTROLYTE MEMBRANE ROLL BODY**
[54] **CORPS DE CYLINDRE A MEMBRANE D'ELECTROLYTES**
[72] OHASHI, SOZABURO, JP
[72] IDE, KOTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911626)
[87] (2911626)
[22] 2015-11-06
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[51] **Int.Cl. H01M 8/0263 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **FUEL CELL WITH IMPROVED GAS PASSAGE FORMATION**
[54] **PILE A COMBUSTIBLE A FORMATION DE PASSAGE DE GAZ AMELIOREE**
[72] NAKAJI, HIROYA, JP
[72] TAKESHITA, NAOHIRO, JP
[72] KUBO, HIDEKI, JP
[72] KONDO, TAKASHI, JP
[72] MIZUNO, SEIJI, JP
[72] KONNO, NORISHIGE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **CERAMIC FILTER ELEMENT AND METHOD FOR MANUFACTURING A CERAMIC FILTER ELEMENT**
[54] **ELEMENT FILTRE DE CERAMIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] EKBERG, BJARNE, FI
[72] HOGNABBA, OLLI, FI
[72] HINDSTROM, ROLF, FI
[72] EVELAND, DAVID, US
[72] VROMAN, EDWARD, US
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-11-09
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[51] **Int.Cl. C07C 253/00 (2006.01) C07C 255/54 (2006.01) C07D 249/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING 3-DIFLUOROMETHYL-5-(2,3-DIFLUORO-6-NITRO-PHENOXY)-BENZONITRILE**
[54] **PROCEDE DE PREPARATION DE 3-DIFLUOROMETHYL-5-(2,3-DIFLUORO-6-NITRO-PHENOXY)-BENZONITRILE**
[72] ARZENO, HUMBERTO BARTOLOME, US
[72] LEE, GARY M., US
[72] MARTIN, MICHAEL, US
[72] SARMA, KESHAB, US
[72] ZHU, JIANG, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SPRINKLER ASSEMBLY FOR ATTACHMENT TO A PIPING SYSTEM**
[54] **ENSEMBLE DIFFUSEUR DESTINE A ETRE FIXE SUR UN SYSTEME DE TUYAUTERIE**
[72] ORR, SHAWN G., US
[72] FRANSON, SCOTT T., US
[73] THE VIKING CORPORATION, US
[86] (2912785)
[87] (2912785)
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[54] **PRESS FORMING APPARATUS AND PRESS FORMING METHOD**
[54] **DISPOSITIF DE MOULAGE A LA PRESSE ET PROCEDE DE MOULAGE A LA PRESSE**
[72] NISHIMURA, RYUICHI, JP
[72] OTSUKA, KENICHIRO, JP
[72] OGAWA, KEIJI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-11-19
[86] 2014-06-27 (PCT/JP2014/067122)
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[51] **Int.Cl. D01F 6/04 (2006.01) D01D 5/42 (2006.01) D02G 1/02 (2006.01)**
[25] EN
[54] **SINGLE YARN, SINGLE YARN PRODUCT AND PREPARATION METHOD THEREOF**
[54] **FIL SIMPLE, PRODUIT EN FIL SIMPLE ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] MA, JUNYING, CN
[72] JI, CHANGGAN, CN
[72] YIN, RUIWEN, CN
[73] ZHENGZHOU ZHONGYUAN DEFENSE MATERIAL CO., LTD, CN
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[54] **LADLE BOTTOM AND LADLE**
[54] **FOND DE POCHE ET POCHE**
[72] KOHLER, SARAH, AT
[72] MARANITSCH, ALEXANDER, AT
[72] SPIESS, BERNHARD, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2015-12-10
[86] 2014-06-26 (PCT/EP2014/063565)
[87] (WO2015/036134)
[30] EP (13183674.4) 2013-09-10

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[51] **Int.Cl. H01M 8/04119 (2016.01) H01M 8/0432 (2016.01) H01M 8/04746 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD OF CONTROLLING OPERATION OF FUEL CELL**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DU FONCTIONNEMENT DE LA PILE A COMBUSTIBLE**
[72] SHIOKAWA, SATOSHI, JP
[72] BONO, TETSUYA, JP
[72] HAMANOI, OSAMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2915756)
[87] (2915756)
[22] 2015-12-21
[30] JP (2014-263908) 2014-12-26

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[51] **Int.Cl. C25D 5/14 (2006.01) C23C 18/31 (2006.01) C23C 28/02 (2006.01) F04B 47/00 (2006.01) F04B 47/02 (2006.01)**
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[54] **NICKEL CORROSION BARRIER UNDER CHROME FOR SUCKER ROD PUMPS**
[54] **BARRIERE ANTICORROSION AU NICKEL SOUS LE CHROME POUR LES POMPES A TIGES**
[72] STACHOWIAK, JOHN EDWARD, JR., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2916161)
[87] (2916161)
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[30] US (62/095,112) 2014-12-22
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[25] EN
[54] **SOLID FORMS OF A MACROCYCLIC KINASE INHIBITOR**
[54] **FORMES SOLIDES D'UN INHIBITEUR DE KINASES MACROCYCLIQUES**
[72] JENSEN, ANDREW JAMES, US
[72] LUTHRA, SUMAN, US
[72] RICHARDSON, PAUL FRANCIS, US
[73] PFIZER INC., US
[85] 2015-12-22
[86] 2014-06-17 (PCT/IB2014/062296)
[87] (WO2014/207606)
[30] US (61/840,703) 2013-06-28

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[54] **A CONNECTOR ASSEMBLY HAVING SELF-ADJUSTING MALE AND FEMALE CONNECTOR ELEMENTS**
[54] **UN MECANISME CONNECTEUR COMPORTANT DES ELEMENTS CONNECTEURS MALE ET FEMELLE AUTO-REGLABLES**
[72] BORKAR, TUSHAR YADUNATH, IN
[72] SWAMI, SHIVLINGAYYA, IN
[72] KUBSAD, VINAYA NANDISH, IN
[72] MOHITE, VIKRAMSINH, IN
[72] MINA, NABIL, US
[73] APPLETON GRP LLC, US
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[25] EN
[54] **METHOD FOR MANUFACTURING A PROTECTIVE CONCRETE WEIGHT COATING FOR PIPELINES**
[54] **PROCEDE POUR FABRIQUER UN REVETEMENT EN BETON DE PROTECTION ET DE LESTAGE D'UN PIPELINE**
[72] SHAPORIN, IGOR IVANOVICH, RU
[73] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIU "BALLASTNYE TRUBOPROVODY SVAP", RU
[85] 2015-12-23
[86] 2014-06-26 (PCT/RU2014/000456)
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[51] **Int.Cl. B29C 35/08 (2006.01) C04B 35/571 (2006.01) C08J 3/28 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CROSSLINKING A SILICON CARBIDE FIBER PRECURSOR POLYMER**
[54] **PROCEDES ET APPAREIL POUR RETICULER UN POLYMERE PRECURSEUR DE FIBRES DE CARBURE DE SILICIUM**
[72] DAVIS, PETER KENNEDY, US
[72] RUBINSZTAJN, SLAWOMIR, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-01-05
[86] 2014-06-17 (PCT/US2014/042621)
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[30] US (13/937,298) 2013-07-09

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[51] **Int.Cl. F01D 19/00 (2006.01) F02C 7/26 (2006.01)**
[25] EN
[54] **METHOD OF STARTING A GAS TURBINE ENGINE**
[54] **METHODE DE DEMARRAGE D'UNE TURBINE A GAZ**
[72] ROSS, STEVEN ALAN, US
[72] LINZ, MARK EDWARD, US
[72] GARRETT, JOSEPH DANIEL, III, US
[72] ANSARI, AMID, US
[72] BRODA, JOSEPH ROGER, US
[72] GILLINGHAM, THOMAS EARL, US
[72] GRAZIANO, KEVIN RICHARD, US
[72] HON, ROBERT CHARLES, US
[72] KIRCHMAYER, KENNETH, US
[72] KIRACOFE, DANIEL ROY, US
[72] LEHMANN, ANDREW TODD, US
[72] MCCAMBRIDGE, MICHAEL SCOTT, US
[72] STEEN, TOD ROBERT, US
[72] SWAGER, THOMAS CHARLES, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **ACOUSTIC BIOREACTOR PROCESSES**
[54] **PROCEDES ACOUSTIQUES ASSOCIES A DES BIOREACTEURS**
[72] KENNEDY, THOMAS J., III, US
[72] LIPKENS, BART, US
[72] MASI, LOUIS, US
[72] KOWALSKI, STANLEY, III, US
[72] LEIDEL, CHRIS, US
[73] FLODESIGN SONICS, INC., US
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[30] US (61/845,531) 2013-07-12
[30] US (14/026,413) 2013-09-13
[30] US (14/175,766) 2014-02-07

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[25] EN
[54] **ENGINE DOOR AND LATCH ASSEMBLY**
[54] **PORTE DE MOTEUR ET ENSEMBLE DE VERROUILLAGE**
[72] LIANG, YANTAO, CN
[72] ZHOU, QUAN, CN
[73] MRA SYSTEMS, LLC, US
[85] 2016-01-14
[86] 2013-07-24 (PCT/CN2013/079996)
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[25] EN
[54] **METHOD AND APPARATUS FOR CASING ENTRY**
[54] **PROCEDE ET APPAREIL D'ACCES A UN TUBAGE DE PUITS**
[72] ABRANT, CHIP, US
[72] BUTTERFIELD, CHUCK, US
[72] HEISIG, GERALD, US
[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2016-01-14
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[51] **Int.Cl. B08B 3/08 (2006.01)**
[25] EN
[54] **DETERGENT DELIVERY METHODS AND SYSTEMS FOR TURBINE ENGINES**
[54] **METHODES DE DISTRIBUTION DE DETERGENT ET SYSTEMES DESTINES A DES MOTEURS DE TURBINE**
[72] BEWLAY, BERNARD PATRICK, US
[72] KULKARNI, AMBARISH JAYANT, US
[72] TIBBETTS, NICOLE JESSICA, US
[72] ELLIS, BRIAN MICHAEL, US
[72] BUENO, MANUEL K., US
[72] REYES, EVER, US
[72] BATES, NOEL, US
[72] KALB, BRIAN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2919240)
[87] (2919240)
[22] 2016-01-28
[30] US (14/621,465) 2015-02-13

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[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **DUAL PURPOSE MUD-GAS SEPARATOR AND METHODS**
[54] **SEPARATEUR BOUE-GAZ A DOUBLE USAGE ET PROCEDES**
[72] NOTT, DARCY, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2016-01-27
[86] 2014-07-16 (PCT/US2014/046826)
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[30] US (13/964,518) 2013-08-12

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[51] **Int.Cl. E21B 21/01 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **NON-STOP DRILLER MANIFOLD AND METHODS**
[54] **COLLECTEUR DE DISPOSITIF DE FORAGE EN CONTINU ET PROCEDES**
[72] NOTT, DARCY STEPHEN, US
[72] BLANKENSHIP, MARK, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2016-01-27
[86] 2014-07-23 (PCT/US2014/047896)
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[30] US (13/966,837) 2013-08-14

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[25] EN
[54] **FORGED FLANGE LUBRICATOR**
[54] **LUBRIFIANT DE BRIDE FORGEE**
[72] ROYCROFT, ROBERT, US
[72] MITCHUM, DARRELL WAYNE, US
[73] FLOWCO PRODUCTION SOLUTIONS, LLC, US
[86] (2919781)
[87] (2919781)
[22] 2016-02-02
[30] US (62/163,191) 2015-05-18
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[51] **Int.Cl. C03C 17/09 (2006.01) C03C 17/245 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PANE WITH AN ELECTRICALLY CONDUCTIVE COATING WITH ELECTRICALLY ISOLATED DEFECTS**
[54] **PROCEDE DE FABRICATION D'UNE VITRE DOTEE D'UN REVETEMENT ELECTROCONDUCTEUR COMPORTANT DES IMPERFECTIONS ELECTRIQUEMENT ISOLEES**
[72] LETOCART, PHILIPPE, BE
[72] YEH, LI-YA, DE
[72] BEHMKE, MICHAEL, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-02-01
[86] 2014-07-15 (PCT/EP2014/065104)
[87] (WO2015/032535)
[30] EP (13182931.9) 2013-09-04

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[51] **Int.Cl. F16D 65/28 (2006.01)**
[25] EN
[54] **BRAKING SYSTEM WITH NON-SPRING PARKING BRAKE ACTUATOR**
[54] **SYSTEME DE FREINAGE AVEC ACTIONNEUR DE FREIN DE STATIONNEMENT SANS RESSORT**
[72] PLANTAN, RONALD S., US
[72] EBERLING, CHARLES E., US
[72] HOFFMAN, FRED W., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[86] 2014-08-05 (PCT/US2014/049796)
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[30] US (13/961,022) 2013-08-07

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[54] **SYSTEME DE JONCTION MULTILATERALE ET PROCEDE ASSOCIE**
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[73] BAKER HUGHES INCORPORATED, US
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[54] **COUPE EN COURBE A L'AIDE D'UNE LAME DE SCIE CIRCULAIRE**
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[73] SODERHAMN ERIKSSON AB, SE
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[54] **APPAREIL DE TABLE VIBRANTE AINSI QUE COMPOSANTS ET PROCEDES ASSOCIES A CELUI-CI**
[72] ZONNEVELD, ED, CA
[72] HEINRICHS, ROBERT, CA
[73] FLSMIDTH A/S, DK
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[54] **AQUEOUS-BASED COATING COMPOSITION CONTAINING AN OLEORESINOUS COMPONENT**
[54] **COMPOSITION DE REVETEMENT A BASE AQUEUSE CONTENANT UN COMPOSANT OLEORESINEUX**
[72] MOST, CHRISTOPHER L., US
[72] MCVAY, ROBERT L., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **MATERIAL FOR BALLISTIC PROTECTION, METHOD OF PREPARATION AND USE THEREOF**
[54] **MATERIAU POUR PROTECTION BALISTIQUE, ET SON PROCEDE DE PREPARATION ET D'UTILISATION**
[72] JANCAR, JOSEF, CZ
[72] TOCHACEK, JIRI, CZ
[72] POLACEK, PETR, CZ
[72] KUCERA, FRANTISEK, CZ
[72] VOJTOVA, LUCY, CZ
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[54] **LENTILLES EN SILICONE HYDROGEL A STABILITE THERMIQUE RELATIVEMENT LONGUE**
[72] CHANG, FRANK, US
[72] HUANG, JINYU, US
[72] DESOUSA, RYAN, US
[73] NOVARTIS AG, CH
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[54] **MULTI-CONTROLLER DATA BUS ADAPTOR OPERABLE BASED UPON DATA BUS ADAPTOR COMMUNICATION DETERMINED ADAPTOR CODES AND RELATED METHODS**
[54] **ADAPTATEUR DE BUS DE DONNEES MULTI CONTROLEUR FONCTIONNEL FONDE SUR DES CODES D'ADAPTATEUR DETERMINES PAR LA COMMUNICATION AVEC L'ADAPTATEUR DE BUS DE DONNEES ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
[73] OMEGA PATENTS, L.L.C., US
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[54] **SANGLE DE FIXATION DE SAC A MAIN**
[72] LEHTONEN, DONNA L.E., CA
[73] LEHTONEN, DONNA L.E., CA
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[54] **RECOMBINANT MICROORGANISMS AND METHODS OF USE THEREOF**
[54] **MICRO-ORGANISMES RECOMBINANTS ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] WALKER, DAVID JEFFREY FRASER, US
[72] NAGARAJU, SHILPA, US
[72] KOEPKE, MICHAEL, US
[72] MUELLER, ALEXANDER PAUL, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
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[54] **FORMULATIONS CONTAINING CLOPIDOGREL AND SULFOALKYL ETHER CYCLODEXTRIN AND METHODS OF USE**
[54] **PREPARATIONS CONTENANT DU CLOPIDOGREL ET DE LA SULFOALKYL-ETHER CYCLODEXTRINE ET METHODES D'UTILISATION**
[72] MOSHER, GEROLD L., US
[72] WEDEL, REBECCA L., US
[72] JOHNSON, KAREN T., US
[72] MACHATHA, STEPHEN G., US
[72] COWEE, JANE A., US
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[25] EN
[54] **METHODS OF MAKING HIGH-STRENGTH NDGA POLYMERIZED COLLAGEN FIBERS AND RELATED COLLAGEN-PREP METHODS, MEDICAL DEVICES AND CONSTRUCTS**
[54] **PROCEDES DE PRODUCTION DE FIBRES DE COLLAGENE POLYMERISEES PAR NDGA A RESISTANCE ELEVEE, ET PROCEDES ASSOCIES DE PREPARATION DE MATERIAU PREPARATOIRE POUR COLLAGENE, APPAREILS MEDICAUX ET CONSTRUCTIONS**
[72] KOOB, THOMAS J., US
[72] PRINGLE, DOUGLAS, US
[72] HERNANDEZ, DANIEL, US
[73] SHRINERS HOSPITALS FOR CHILDREN, US
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[54] **GANGWAY BETWEEN TWO ARTICULATELY CONNECTED VEHICLES**
[54] **PASSERELLE DE SERVICE ENTRE DEUX VEHICULES RELIES PAR UNE ARTICULATION**
[72] MOSANER, KNUD, DE
[72] HEINRICH, MARC, CN
[73] HUBNER GMBH & CO. KG, DE
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[54] **ACTIVATING RINSE AND METHOD FOR TREATING A METAL SUBSTRATE**
[54] **RINCAGE ACTIVATEUR ET PROCEDE DE TRAITEMENT D'UN SUBSTRAT EN METAL**
[72] MCMILLEN, MARK W., US
[72] SILVERNAIL, NATHAN J., US
[72] VOTRUBA-DRZAL, PETER L., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **METHODS AND APPARATUSES FOR RECONSTRUCTING A 3D SONAR IMAGE**
[54] **METHODE ET APPAREILS DE RECONSTRUCTION D'UNE IMAGE SONAR 3D**
[72] KIRMANI, SHAHZAD F., US
[73] NAVICO HOLDINGS AS, NO
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[54] **ROTOR BEARING FOR PROGRESSING CAVITY DOWNHOLE DRILLING MOTOR**
[54] **PALIER DE ROTOR POUR MOTEUR DE FORAGE DE FOND DE TROU A VIS EXCENTREE**
[72] GAWSKI, VICTOR, GB
[72] SNYDER, JOHN KENNETH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **RESOURCE CONFIGURATION METHOD, NETWORK DEVICE, AND BASE STATION**
[54] **PROCEDE DE CONFIGURATION DE RESSOURCE, DISPOSITIF DE RESEAU ET STATION DE BASE**
[72] LI, JIE, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **USE OF DOWNHOLE ISOLATION VALVE TO SENSE ANNULUS PRESSURE**
[54] **UTILISATION D'UN CLAPET D'ISOLEMENT DE FOND DE TROU POUR DETECTER UNE PRESSION D'ESPACE ANNULAIRE**
[72] NOSKE, JOE, US
[72] MUELLER, GARY L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **GEM SETTING**
[54] **SERTISSAGE DE PIERRE PRECIEUSE**
[72] DOBASHI, HIDETAKA, JP
[73] CROSSFOR CO., LTD., JP
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[54] **FASTENER WITH SAW TOOTH PERIMETER**
[54] **ATTACHE DOTEE D'UN PERIMETRE EN DENT-DE-SCIE**
[72] DILL, MICHAEL C., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2925309)
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[54] **COMPOSITION, ESPECIALLY IN THE FORM OF A LUBRICANT GEL COMPRISING A LOCAL ANAESTHETIC AND POLYHEXANIDE**
[54] **COMPOSITION, EN PARTICULIER SOUS LA FORME D'UN GEL LUBRIFIANT CONTENANT UN ANESTHESIQUE LOCAL ET DU POLYHEXANIDE**
[72] VESTWEBER, ANNA-MARIA, DE
[72] MEIER, ANDREAS, DE
[73] FARCO-PHARMA GMBH, DE
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[54] **ATTRIBUTION ET UTILISATION DE RESSOURCE PUCCH**
[72] YAO, CHUN HAI, CN
[72] LUNTTILA, TIMO ERKKI, FI
[72] TIIROLA, ESA TAPANI, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[54] **ENVELOPPE POUR ARTICLE DE SOINS PERSONNELS**
[72] DE SOTO-BURT, WIDALYS LUZ, US
[72] WILSON, GREGORY JAMES, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ASPIRATEUR D'AROME DE TYPE SANS COMBUSTION**
[72] MATSUMOTO, HIROFUMI, JP
[72] TAKEUCHI, MANABU, JP
[72] YAMADA, MANABU, JP
[73] JAPAN TOBACCO INC., JP
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[54] **PAVING SYSTEM**
[54] **SYSTEME DE PAVAGE**
[72] KARAU, WILLIAM H., US
[73] PAVESTONE, LLC, US
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[54] **NON-SELF-ADHERENT COATING MATERIALS**
[54] **MATIERES DE REVETEMENT NON AUTO-ADHESIVES**
[72] SALAMONE, JOSEPH CHARLES, US
[72] REILLY, KATELYN ELIZABETH, US
[72] SALAMONE, ANN BEAL, US
[72] XIAOYU, CHEN, US
[73] ROCHAL INDUSTRIES, LLC, US
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[54] **MODULATEUR ELECTRO-OPTIQUE**
[72] VELTHAUS, KARL-OTTO, DE
[72] RAUSCH, MARKO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **A METHOD FOR TREATING LIGNIN AND FOR PRODUCING A BINDER COMPOSITION**
[54] **PROCEDE DE TRAITEMENT DE LIGNINE ET DE PRODUCTION D'UNE COMPOSITION LIANTE**
[72] PIETARINEN, SUVI, FI
[72] VALKONEN, SANNA, FI
[72] RINGENA, OKKO, DE
[73] UPM-KYMMENE CORPORATION, FI
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[54] **SYSTEME ADAPTATEUR DE RAIL DE PLANCHER MODULAIRE POUR AERONEF**
[72] OLESON, MICHAEL L., US
[73] B/E AEROSPACE, INC., US
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[54] **BOUGIE D'ALLUMAGE DE CHAMBRE DE PRECOMBUSTION**
[72] MAUL, GEORG, DE
[72] KUHNERT, STEFFEN, DE
[73] DKT VERWALTUNGS-GMBH, DE
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[54] **SYSTEME D'ECLAIRAGE POUR APPAREIL DE FORAGE**
[72] DUPUIS, DARCY K., CA
[72] GOWANLOCK, MATTHEW, CA
[73] APOLLO ENERGY SERVICES CORP., CA
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[54] **SYSTEME DE FORAGE ORIENTABLE ROTATIF**
[72] WINSLOW, DANIEL MARTIN, US
[72] DEOLALIKAR, NEELESH V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PACKAGES FOR TOOTH TREATMENT PRODUCTS**
[54] **EMBALLAGES POUR PRODUITS DE TRAITEMENT DENTAIRE**
[72] HAMDOUN, KARIM, US
[72] MAROTTI, MARTIN JAY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-27
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[54] **RACCORD DOUBLE FEMELLE DE CIRCULATION A TELEMESURE**
[72] WILSON, TIMOTHY L., US
[72] ODELL, ALBERT C., II, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PROCEDE DE FABRICATION D'UN PANNEAU D'ISOLATION ET DE DRAINAGE ET PANNEAU D'ISOLATION ET DE DRAINAGE**
[72] HITZLER, MARTIN, DE
[72] WEIER, ANDREAS, DE
[72] KOHLER, EVA, DE
[72] BURGETH, GERALD, DE
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[54] **SYSTEMES DE SONAR ET METHODES D'UTILISATION DE L'INTERFEROMETRIE OU DE LA FORMATION DE FAISCEAU POUR L'IMAGERIE 3D**
[72] HORNER, RONALD JOE, US
[72] PROCTOR, ALAN LEE, US
[73] NAVICO HOLDINGS AS, NO
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[54] **VETEMENT DE COMPRESSION TRICOTE ET TISSU TRICOTE**
[72] COLLINS, LARRY WAYNE, US
[72] BAUER, JOACHIM ADOLF, DE
[72] TUCKER, KEVIN MICHAEL, US
[72] CLARK, PHILLIP TODD, US
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[54] **TEST AND MONITORING SYSTEM FOR A SUMP PUMP INSTALLATION HAVING A SELF-MONITORING VALVE MODULE FOR ADMITTING WATER TO THE SUMP PIT**
[54] **SYSTEME DE TEST ET DE CONTROLE POUR INSTALLATION DE POMPE DE PUISARD POSSEDANT UN MODULE DE CLAPET A CONTROLE AUTOMATIQUE POUR ADMISSION D'EAU DANS LE PUISARD**
[72] CUMMINGS, EUGENE M., US
[73] BEACON TECHNICAL SYSTEMS, LLC, US
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[54] **RACCORD FILETE**
[72] DEHART, CODY ALLEN, US
[73] MARUBENI-ITOCHU TUBULARS AMERICA INC., US
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[54] **SIDEWALL PANEL AND TARPAULIN COVER SYSTEM FOR FLATBED TRAILERS, AND TRUCK TRAILER INCORPORATING SAME**
[54] **SYSTEME DE PANNEAUX A RIDELLES ET DE BACHE POUR REMORQUES A PLATEAU, ET REMORQUE ROUTIERE AINSI EQUIPEE**
[72] DEMONTE, WALTER PETER, CA
[72] DEMONTE, TIMOTHY PAUL, CA
[72] LEBLANC, SHERI LYN, CA
[73] DEMONTE, WALTER PETER, CA
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[54] **PICTURE FUSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FUSION D'IMAGES**
[72] WANG, YULONG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **DRILLING RIG COLUMN RACKER AND METHODS OF ERECTING SAME**
[54] **BATI DE COLONNE D'ENGIN DE FORAGE ET METHODES D'ERECTION DUDIT BATI**
[72] MAGNUSON, CHRISTOPHER, US
[72] DEEL, STEVEN K., US
[73] NABORS INDUSTRIES, INC., US
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[54] **SYSTEME D'ALIGNEMENT D'ORIENTATION DE TRAJECTOIRE ET METHODES**
[72] DYER, KELLY NOEL, CA
[72] WITCOMB, NEIL JEFFREY, CA
[72] ROTENBERG, MICHAEL JONATHAN, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **APPAREIL A CHANDELLES CONCU POUR DIVERS DIAMETRES DE TUYAU**
[72] VELEZ, LAWRENCE, US
[73] SUMNER MANUFACTURING COMPANY, LLC, US
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[54] **SYSTEME DE DESHYDRATATION ET DE COMPRESSION, ET SYSTEME DE RECUPERATION DE CO2**
[72] INUI, MASAYUKI, US
[72] YONEKAWA, TAKAHITO, US
[72] MAAS, COLE, US
[72] TSUJIUCHI, TATSUYA, US
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **ESTIMATION DE LA PERMEABILITE DANS DES RESERVOIRS SOUS-TERRAINS NON CLASSIQUES UTILISANT DES ESSAIS D'INJECTION DE FRACTURE DE DIAGNOSTIC**
[72] LAMEI, CHRISTOPHER HOSS, US
[72] SOLIMAN, MOHAMED YOUSEF, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PETRO RESEARCH & ANALYSIS CORP., US
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[54] **ASPHALT MIXTURE, PROCESS FOR PRODUCTION OF SAME, AND PAVING METHOD USING SAME**
[54] **MELANGE D'ASPHALTE, PROCEDE DE PRODUCTION D'ASPHALTE ET METHODE DE PAVAGE EMPLOYANT LEDIT MELANGE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] TANIGUCHI, HIROSHI, JP
[73] MAEDA ROAD CONSTRUCTION CO., LTD, JP
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[54] **NETWORKED INTOXICATION VEHICLE IMMOBILIZATION**
[54] **IMMOBILISATION D'UN VEHICULE POUR INTOXICATION OBTENUE PAR RESEAU**
[72] DEVRIES, DOUGLAS EDWARD, US
[72] MCGRATH, TIMOTHY J., US
[73] CONSUMER SAFETY TECHNOLOGY, LLC, US
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[87] (2938417)
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[54] **METHOD FOR DETERMINING VON WILLEBRAND FACTOR ACTIVITY IN THE ABSENCE OF RISTOCETIN AND FOR DETERMINING THE ADAMTS-13 PROTEASE**
[54] **PROCEDE POUR DETERMINER L'ACTIVITE DU FACTEUR VON WILLEBRAND EN L'ABSENCE DE RISTOCETINE ET CELLE DE LA PROTEASE ADAMTS-13**
[72] ALTHAUS, HARALD, DE
[72] OBSER, TOBIAS, DE
[72] PATZKE, JUERGEN, DE
[72] SCHNEPPENHEIM, REINHARD, DE
[73] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
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[54] **METHODS FOR DRILLING A WELLBORE WITHIN A SUBSURFACE REGION AND DRILLING ASSEMBLIES THAT INCLUDE AND/OR UTILIZE THE METHODS**
[54] **METHODES DE FORAGE D'UN PUITS DE FORAGE DANS UNE REGION EN SOUS-SURFACE ET APPAREILLAGES DE FORAGE QUI COMPRENNENT OU EMPLOIENT LES METHODES**
[72] SPIVEY, BENJAMIN, US
[72] PAYETTE, GREGORY S., US
[72] PAIS, DARREN, US
[72] KUMARAN, KRISHNAN, US
[72] WANG, LEI, US
[72] BAILEY, JEFFREY R., US
[72] PASTUSEK, PAUL E., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **APPARATUS FOR TOWING PERSONAL WATERCRAFT**
[54] **APPAREIL DE REMORQUAGE D'UNE EMBARCATION PERSONNELLE**
[72] DUSK, RICHARD, CA
[72] LARIVIERE, MARK, CA
[72] CHAPMAN, TIM, CA
[73] MAGIC MARINE TOW INC., CA
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[54] **ELECTRONIC DEVICE WITH THRESHOLD BASED COMPRESSION AND RELATED DEVICES AND METHODS**
[54] **APPAREIL ELECTRONIQUE A SEUIL FONDE SUR LA COMPRESSION ET APPAREILS ET METHODES ASSOCIES**
[72] NORRIS, JAMES A., US
[73] HARRIS CORPORATION, US
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[73] HONDA MOTOR CO., LTD., JP
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[54] **FOUR QUADRANT VOLTAGE LIMITER FOR ROTOR FLUX ORIENTED MACHINE CONTROL**
[54] **LIMITEUR DE TENSION A QUATRE QUADRANTS PERMETTANT UNE COMMANDE DE MACHINE A FLUX ROTORIQUE ORIENTE**
[72] VOVOS, ROBERT J., US
[72] LYONS, ARTHUR P., US
[73] BAE SYSTEMS CONTROLS INC., US
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[54] **REINFORCED AND CROSSLINKED POLYARYLENES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **POLYARYLENES RENFORCES ET RETICULES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] ROY, SAYANTAN, US
[72] RICHARD, BENNETT M., US
[72] POTTS, JEFFREY R., US
[72] SADANA, ANIL K., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **REFRACTORY FOR CASTING, NOZZLE FOR CASTING AND SLIDING NOZZLE PLATE USING SAME**
[54] **MATERIAU REFRACTAIRE DESTINE A LA COULEE DE BUSE EN VUE DE PRODUIRE UNE BUSE DE COULEE ET UNE PLAQUE DE BUSE COULISSANTE FAITES DUDIT MATERIAU**
[72] AKAMINE, KEIICHIRO, JP
[72] ITO, KAZUO, JP
[72] MAKINO, TARO, JP
[73] KROSAKIHARIMA CORPORATION, JP
[85] 2016-08-31
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[54] **LATTICE PANEL STRUCTURE AND METHOD**
[54] **STRUCTURE DE PANNEAU EN TREILLIS ET PROCEDE**
[72] GARING, FRANCIS XAVIER, US
[73] B/E AEROSPACE, INC., US
[85] 2016-09-06
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[54] **DISPOSITIF CYLINDRE**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
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[54] **SHAFT SECTION STRUCTURE OF SCISSORS**
[54] **STRUCTURE DE SECTION DE TIGE DE CISEAUX**
[72] WADA, YOSHIKAZU, JP
[72] IGARASHI, LAWRENCE Y., US
[73] WADA, YOSHIKAZU, JP
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[54] **FUEL CELL SYSTEM WITH WETNESS CONTROL**
[54] **PILE A COMBUSTIBLE AVEC REGULATION DE LA MOUILLABILITE**
[72] AOKI, TETSUYA, JP
[72] KAITO, TAKAHIRO, JP
[72] FUJII, TAKAHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **SANITARY NAPKIN**
[54] **SERVIETTE HYGIENIQUE**
[72] CHIEN, YUAN-CHENG, TW
[73] CHIEN, YUAN-CHENG, TW
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[54] **HETEROCYCLE FUSED GAMMA-CARBOLINES FOR TREATMENT OF CENTRAL NERVOUS SYSTEM DISORDERS**
[54] **CARBOLINES GAMMA FUSIONNEES HETEROCYCLIQUES DESTINEES AU TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] MATES, SHARON, US
[72] LI, PENG, US
[72] WENNOGLE, LAWRENCE P., US
[72] DAVIS, ROBERT, US
[73] INTRA-CELLULAR THERAPIES, INC., US
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[54] **UN SYSTEME D'ELECTROLYSE EFFICACE DESTINE A LA PRODUCTION DE CHLORATE DE SODIUM**
[72] WANG, SHUANGFEI, CN
[72] XU, CUISHENG, CN
[72] ZHAN, LEI, CN
[72] SONG, HAINONG, CN
[72] LI, ZHONGPING, CN
[72] TAN, LANG, CN
[73] GUANGXI UNIVERSITY, CN
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[54] **MANAGEMENT OF COMPUTER SYSTEMS BY USING A HIERARCHY OF AUTONOMIC MANAGEMENT ELEMENTS**
[54] **GESTION DE SYSTEMES INFORMATIQUES EN UTILISANT UNE HIERARCHIE D'ELEMENTS DE GESTION AUTONOME**
[72] SEGUIN, JEAN-MARC L., CA
[72] LITKEY, JAY M., CA
[73] EMBOTICS CORPORATION, CA
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[54] **DUCT COUPLER FOR POST-TENSIONED CONCRETE MEMBER**
[54] **COUPLEUR DE CONDUIT POUR ELEMENT EN BETON POST-TENDU**
[72] SORKIN, FELIX, US
[73] SORKIN, FELIX, US
[85] 2016-10-20
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[25] EN
[54] **PROCESS FOR MAKING BENZOXAZEPIN COMPOUNDS**
[54] **PROCEDE DE FABRICATION DE COMPOSES DE BENZOXAZEPINE**
[72] ANGELAUD, REMY, US
[72] BEAUDRY, DANIAL, US
[72] CARRERA, DIANE, US
[72] MALHOTRA, SUSHANT, US
[72] REMARCHUK, TRAVIS, US
[72] ST-JEAN, FREDRIC, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[62] 2,897,618
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[54] **DEVICES AND METHODS FOR AN ENERGY-ABSORBING END OF A VEHICLE**
[54] **DISPOSITIFS ET PROCEDES POUR EXTREMITE D'ABSORPTION D'ENERGIE D'UN VEHICULE**
[72] LARNER, DANIEL LYNN, US
[72] KHAYKIN, ALEX, US
[72] DANIEL, THOMAS, US
[72] ALVAREZ RIVERA, FELIX JOSE, US
[73] WAYMO LLC, US
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[25] FR
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[54] **PROCEDE D'AIDE A LA DETECTION D'UNE DEGRADATION D'UNE CANALISATION DE TURBOREACTEUR**
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[73] SAFRAN AIRCRAFT ENGINES, FR
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[25] EN
[54] **AIRBORNE WIND TURBINE WITH FLIGHT COMPUTER**
[54] **EOLIENNE AEROPORTEE EQUIPEE D'UN ORDINATEUR DE VOL**
[72] HALLAMASEK, KURT, US
[73] X DEVELOPMENT LLC, US
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[25] EN
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[54] **ANALYSE DE FLUX DE SABLES BITUMINEUX**
[72] LIU, YIJUN, US
[72] MARR, MICHAEL A., US
[72] SETH, ALOK R., US
[72] LENART, PHILIP J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[87] (2952398)
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[54] **WATER-ABSORBENT RESIN AND ABSORBENT ARTICLE**
[54] **RESINE ABSORBANT L'EAU ET ARTICLE ABSORBANT**
[72] HINAYAMA, TETSUHIRO, JP
[72] MURAKAMI, MASAHIRO, JP
[72] YABUGUCHI, HIROKI, JP
[72] YOKOYAMA, HIDEKI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2016-12-23
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[25] EN
[54] **LIGHT BULB RECEPTACLES AND LIGHT BULB SOCKETS**
[54] **CONNECTEURS FEMELLES POUR AMPOULE ELECTRIQUE ET DOUILLES POUR AMPOULE ELECTRIQUE**
[72] SMITH, KEN, US
[72] JANSEN, JOHN U., US
[73] SMITH, KEN, US
[85] 2016-12-23
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[25] EN
[54] **DEVICE, SYSTEM, AND METHOD FOR REGISTERING AND AUTHENTICATING HANDWRITTEN SIGNATURES AND ARCHIVING HANDWRITTEN INFORMATION**
[54] **DISPOSITIF, SYSTEME ET METHODE D'ENREGISTREMENT ET D'AUTHENTIFICATION DE SIGNATURES MANUSCRITES ET D'ARCHIVAGE D'INFORMATION MANUSCRITE**
[72] RAKAN, ALKHALAF, SA
[73] RAKAN, ALKHALAF, SA
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[54] **SYSTEME DE NAVIGATION TOPOGRAPHIQUE (EN VUE AERIENNE)**
[72] NISHIISHIGAKI, KENJI, JP
[73] EN PLANNING INC., JP
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[54] **APPAREIL D'EXERCICE A MECANISME D'INCLINAISON OSCILLANT**
[72] KIANI, ALI, CA
[73] KIANI, ALI, CA
[86] (2956938)
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[54] **POLYOLEFIN-BASED COMPOSITIONS, ADHESIVES, AND RELATED MULTI-LAYERED STRUCTURES PREPARED THEREFROM**
[54] **COMPOSITIONS A BASE DE POLYOLEFINE, ADHESIFS, ET STRUCTURES MULTI-COUCHES ASSOCIEES PREPAREES A PARTIR DE CEUX-CI**
[72] LEE, CHUN D., US
[72] BOTROS, MAGED G., US
[72] PODBORNY, WILLIAM R., US
[73] EQUISTAR CHEMICALS, LP, US
[85] 2017-02-03
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[25] EN
[54] **INFERRING TOPICS FROM SOCIAL NETWORKING SYSTEM COMMUNICATIONS USING SOCIAL CONTEXT**
[54] **DEDUCTION DE SUJETS D'APRES DES COMMUNICATIONS DE SYSTEME DE RESEAU SOCIAL A L'AIDE D'UN CONTEXTE SOCIAL**
[72] DEETER, KEN, US
[72] DUONG, MINH, US
[73] FACEBOOK, INC., US
[86] (2958640)
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[54] **HANDLE SET HAVING LATCH BOLT ACTUABLE BY PUSHING HANDLE**
[54] **ENSEMBLE DE POIGNEE COMPORTANT UN PENE A RESSORT APTE A ETRE ACTIONNE EN POUSSANT LA POIGNEE**
[72] OU, XINMIN, CN
[72] LUKE, DUANE, US
[72] QUAN, JON FONG, US
[72] WEATHERSBY, STEVEN T., US
[72] SHARGH, HOSSEIN MOLAIE, US
[72] LIANG, FEILONG, CN
[72] XIAO, HANGUI, CN
[72] LIU, GUOHUA, CN
[72] WEN, JIAN, CN
[72] OU, XINBEN, CN
[72] YUAN, ZHIMAN, CN
[73] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
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[25] EN
[54] **METHOD OF JOINING ELASTOMERIC LIPS AND WEARABLE MONITOR**
[54] **METHODES DE JOINTAGE DE LEVRES ELASTOMERES ET DE MONITEUR PORTABLE**
[72] LEVESQUE, DAVID, CA
[72] LE DEVEHAT, YANNICK, CA
[73] ICENTIA INC., CA
[85] 2017-03-03
[86] 2016-04-12 (PCT/CA2016/050420)
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[25] EN
[54] **LOAD TESTING APPARATUS**
[54] **DISPOSITIF D'ESSAI DE CHARGE**
[72] KONDO, TOYOSHI, JP
[73] TATSUMI RYOKI CO., LTD, JP
[85] 2017-03-28
[86] 2015-07-22 (PCT/JP2015/003663)
[87] (WO2016/067493)
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[25] EN
[54] **ROUGH TERRAIN VEHICLE**
[54] **VEHICULE DESTINE AUX TERRAINS ACCIDENTES**
[72] SAKAMOTO, NAOKI, JP
[72] WILLIAMS, DUSTIN L., US
[73] HONDA MOTOR CO., LTD., JP
[86] (2962993)
[87] (2962993)
[22] 2017-03-31
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[25] EN
[54] **REACTIVITY CONTROL IN A MOLTEN SALT REACTOR**
[54] **REGULATION DE REACTIVITE DANS UN REACTEUR A SELS FONDUS**
[72] SCOTT, IAN RICHARD, GB
[73] SCOTT, IAN RICHARD, GB
[85] 2017-04-04
[86] 2015-03-09 (PCT/GB2015/050673)
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[25] EN
[54] **PATIENT REFERENCE TOOL**
[54] **OUTIL DE REFERENCE PATIENT**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM, CA
[72] SELA, GAL, CA
[72] RICHMOND, JOSH, CA
[72] SAINI, VIVEK, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
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[25] EN
[54] **MANAGED ACCESS SYSTEM THAT PROVIDES SELECTIVE COMMUNICATIONS AND REGISTRATION OF MOBILE WIRELESS DEVICES**
[54] **SYSTEME D'ACCES GERE QUI FOURNIT UNE COMMUNICATION SELECTIVE ET L'INSCRIPTION DE DISPOSITIFS SANS FIL MOBILE**
[72] SALYERS, ERIC J., US
[72] GALLAGHER, SHAWN H., US
[72] BIRDWELL, BARRY R., US
[73] HARRIS CORPORATION, US
[86] (2965203)
[87] (2965203)
[22] 2017-04-24
[30] US (15/153,770) 2016-05-13

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[51] **Int.Cl. B01D 53/62 (2006.01) C05D 9/00 (2006.01)**
[25] EN
[54] **PROCESS AND METHOD FOR THE ENHANCEMENT OF SEQUESTERING ATMOSPHERIC CARBON THROUGH OCEAN IRON FERTILIZATION, AND METHOD FOR CALCULATING NET CARBON CAPTURE FROM SAID PROCESS AND METHOD**
[54] **PROCEDE ET METHODE D'AMELIORATION DE LA SEQUESTRATION DU CARBONE ATMOSPHERIQUE A L'AIDE DE LA FERTILISATION DU FER OCEANIQUE, ET METHODE DE CALCUL DE LA CAPTURE DE CARBONE NETTE AL'AIDE DESDITS PROCEDE ET METHODE**
[72] GROSS, PETER, CA
[73] LUCENT BIOSCIENCES, INC., CA
[86] (2965409)
[87] (2965409)
[22] 2015-07-31
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[25] EN
[54] **OPTICAL VISUAL AID WITH ADDITIONAL ASTIGMATISM**
[54] **DISPOSITIF DE CORRECTION OPTIQUE POURVU D'UNE CORRECTION SUPPLEMENTAIRE POUR L'ASTIGMATISME**
[72] OHLENDORF, ARNE, DE
[72] SESSNER, RAINER, DE
[72] KRATZER, TIMO, DE
[72] RIFAI, KATHARINA, DE
[72] LAPPE, CHRISTIAN, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[54] **MOTOR STATOR**
[54] **STATOR DE MOTEUR**
[72] CHANG, CHIAHUNG, CN
[72] WEN, PEIHUI, CN
[73] CHANG, CHIAHUNG, CN
[73] WEN, PEIHUI, CN
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[87] (2967786)
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[25] EN
[54] **CURLING BRUSH WITH IMPROVED PRESSURE DISTRIBUTION, SNAP-FIT HEAD ASSEMBLY, MOULDED BRUSH PAD AND PIVOT LIMITING MEANS**
[54] **BROSSE DE CURLING A DISTRIBUTION DE PRESSION AMELIOREE, ENSEMBLE DE TETE A ENCLENCHEMENT, TAMPON DE BROSSE MOULE ET MECANISMES LIMITEURS DE PIVOTEMENT**
[72] SANDE, GERALD, CA
[72] SANDE, JENNIFER, CA
[73] SANDE, GERALD, CA
[73] SANDE, JENNIFER, CA
[86] (2968420)
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[62] 2,938,943
[30] CA (2,919,265) 2016-01-28

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[51] **Int.Cl. B04B 13/00 (2006.01) B03B 5/32 (2006.01) B03B 13/00 (2006.01) B04B 1/00 (2006.01) B04B 7/06 (2006.01) B04B 15/12 (2006.01) G01M 13/00 (2006.01) G01D 5/50 (2006.01) G01D 21/02 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR THE CONTINUOUS MONITORING OF WEAR AND PRESSURE IN CENTRIFUGAL CONCENTRATORS**
[54] **PROCEDES ET APPAREIL POUR LA SURVEILLANCE CONTINUE D'USURE ET DE PRESSION DANS DES CONCENTRATEURS CENTRIFUGES**
[72] HEINRICHS, ROBERT, CA
[72] MCLEAVY, MIKE, CA
[73] FLSMIDTH A/S, DK
[85] 2017-05-23
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[25] EN
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[54] **AMELIORATION DE LA PERCEPTION VISUELLE DE LA SYMBOLOGIE DE COULEUR AFFICHEE**
[72] BENESH, GIL, IL
[72] OPHIR, YOAV, IL
[73] ELBIT SYSTEMS LTD., IL
[85] 2017-06-14
[86] 2015-12-13 (PCT/IL2015/051206)
[87] (WO2016/098102)
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[25] EN
[54] **PROCESSES AND SYSTEMS FOR PRE-TREATING BITUMEN FROTH FOR FROTH TREATMENT**
[54] **PROCEDES ET SYSTEMES DE PRETRAITEMENT DE MOUSSE DE BITUME POUR TRAITEME T DE MOUSSE**
[72] HANN, THOMAS CHARLES, CA
[72] VAN DER MERWE, SHAWN, CA
[73] FORT HILLS ENERGY L.P., CA
[86] (2971324)
[87] (2971324)
[22] 2013-03-08
[62] 2,947,081

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[25] EN
[54] **PARTIALLY METALLIZED FILM HAVING BARRIER PROPERTIES**
[54] **FILM PARTIELLEMENT METALLISE DOTE DE PROPRIETES DE BARRIERE**
[72] BEZEK, EDWARD ANTHONY, US
[72] KNOERZER, ANTHONY ROBER, US
[72] TUCKER, STEVEN KENNETH, US
[73] FRITO-LAY NORTH AMERICA, INC., US
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[25] EN
[54] **PORTABLE FUEL STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE DE CARBURANT PORTABLE**
[72] STUMPF, THOMAS, US
[73] FUELIE SYSTEMS, INC., US
[85] 2017-07-27
[86] 2016-01-26 (PCT/US2016/014815)
[87] (WO2016/123048)
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[25] EN
[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] YU, YI, US
[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[86] (2978602)
[87] (2978602)
[22] 2010-06-15
[62] 2,764,394
[30] US (61/187,095) 2009-06-15
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[25] EN
[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] YU, YI, US
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[86] (2978606)
[87] (2978606)
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[30] US (61/187,095) 2009-06-15
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[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK, CA
[72] YU, YI, US
[72] HEO, YOUN HYOUNG, CA
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[86] (2978608)
[87] (2978608)
[22] 2010-06-15
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[30] US (61/187,095) 2009-06-15
[30] US (61/220,886) 2009-06-26

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[25] EN
[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[72] YU, YI, US
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[86] (2978614)
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[62] 2,764,394
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[25] EN
[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[72] YU, YI, US
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[72] YU, YI, US
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[54] **DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT**
[54] **DECODAGE DE TRAINS DE BITS AUDIO AVEC DES METADONNEES DE REPLICATION DE BANDE SPECTRALE AMELIOREE DANS AU MOINS UN ELEMENT DE REMPLISSAGE**
[72] VILLEMOES, LARS, SE
[72] PURNHAGEN, HEIKO, SE
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
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[25] EN
[54] **USING CLOSED-CAPTIONING DATA TO OUTPUT AN ALERT INDICATING A FUNCTIONAL STATE OF A BACK-UP VIDEO-BROADCAST SYSTEM**
[54] **UTILISATION DE DONNEES DE SOUS-TITRAGE POUR GENERER UNE ALERTE INDIQUANT UN ETAT FONCTIONNEL D'UN SYSTEME DE DIFFUSION VIDEO DE SAUVEGARDE**
[72] HUNDEMER, HANK J., US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
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[54] **SCREW FASTENERS FOR FIBROUS MATERIALS**
[54] **FIXATIONS A VIS DESTINEES A DES MATERIAUX FIBREUX**
[72] RUHMANN, SWEN KAI, CA
[72] WALTHER, ULRICH O.H., CA
[73] 1833236 ONTARIO INC., CA
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[54] **METHOD OF SPOT WELDING**
[54] **METHODE DE SOUDAGE PAR POINT**
[72] MIYAZAKI, YASUNOBU, JP
[72] WATANABE, FUMINORI, JP
[72] WAKABAYASHI, CHISATO, JP
[72] HAYASHI, KUNIO, JP
[72] KAWATA, HIROYUKI, JP
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[54] **POWER GENERATION CONTROL DEVICE FOR A HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE DEMARRAGE DE VEHICULE HYBRIDE**
[72] TSUKIZAKI, ATSUSHI, JP
[72] KOGA, MASATO, JP
[72] YAGI, HIDEKAZU, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **MODE TRANSITION CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE TRANSITION DE MODE POUR VEHICULE HYBRIDE**
[72] TSUKIZAKI, ATSUSHI, JP
[72] TOYOTA, RYOHEY, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **MODE TRANSITION CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE TRANSITION DE MODE POUR VEHICULE HYBRIDE**
[72] MIYAGAWA, TOMOHIRO, JP
[72] KOGA, MASATO, JP
[72] TSUKIZAKI, ATSUSHI, JP
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[73] NISSAN MOTOR CO., LTD., JP
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[54] **ENERGY MANAGEMENT CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE GESTION D'ENERGIE POUR VEHICULE HYBRIDE**
[72] FUKUDA, HIROYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **POWER GENERATION CONTROL DEVICE FOR A HYBRID VEHICLE**
[54] **APPAREIL DE CONTROLE DE PRODUCTION D'ENERGIE DESTINE A UN VEHICULE HYBRIDE**
[72] TOYOTA, RYOHEY, JP
[72] GUNJI, KENICHIRO, JP
[72] MIYAGAWA, TOMOHIRO, JP
[72] KOGA, MASATO, JP
[72] FUKUDA, HIROYUKI, JP
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[54] **UNE ENVELOPPE DE PORTEFEUILLE DESTINEE A UNE TABLETTE INFORMATIQUE**
[72] RANA, KAPIL, GB
[71] RANA, KAPIL, GB
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[54] **GUIDES DE MARQUAGE SUR UNE LAME DE RUBAN A MESURER**
[72] FROESE, ANDREAS, CA
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[54] **IMPROVED COMPUTING DEVICE AND METHOD FOR THE TEMPORAL ARRANGEMENT OF DATA**
[54] **APPAREIL INFORMATIQUE AMELIORE ET METHODE D'ARRANGEMENT TEMPOREL DE DONNEES**
[72] MILLER, ROBERT KYLE, CA
[72] GANDHI, RAJEEV KUMAR, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
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[54] **CHEMICAL COMPOSITIONS AND METHOD FOR DEGASSING OF PROCESSING EQUIPMENT**
[54] **COMPOSITIONS CHIMIQUES ET METHODE DE DEGAZAGE D'UN EQUIPEMENT DE TRAITEMENT**
[72] MASON, DOUGLAS J., US
[71] FQE CHEMICALS INC., CA
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[25] FR
[54] **NEW GENERATION ONE-PIECE UNIVERSAL PLANER HEAD**
[54] **TETE D'EQUARRISSEUSE UNIVERSELLE MONOBLOC NOUVELLE GENERATION**
[72] LEVASSEUR, CLERMONT, CA
[72] SIRBU, MARIUS, CA
[72] LEVASSEUR, TOM, CA
[71] LEVASSEUR, CLERMONT, CA
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[54] **PORTABLE SPILL VACUUM APPARATUS AND SKIMMING DEVICE**
[54] **APPAREIL D'ASPIRATION DE DEVERSEMENT PORTATIF ET DISPOSITIF D'ECREMAGE**
[72] BOUVIER, WAYNE LIONEL, CA
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[51] **Int.Cl. H02N 99/00 (2006.01) H05F 7/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR UTILIZING THE USEFUL VOLUMETRIC SURFACE AREA OF A COLLECTION DEVICE OR SUPPORT STRUCTURE FOR COLLECTING ENERGY**
[54] **UN SYSTEME ET UNE METHODE SERVANT A UTILISER LA SURFACE VOLUMETRIQUE UTILE D'UN DISPOSITIF DE COLLECTE OU D'UNE STRUCTURE DE SUPPORT AFIN DE COLLECTER L'ENERGIE**
[72] MILLER, MITCHELL B., CA
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[54] **KIT AND METHOD FOR SEALED COVERAGE OF AN ATTIC ACCESS OPENING**
[54] **TROUSSE ET METHODE DE REVETEMENT SCELLE D'UNE OUVERTURE D'ACCES AU GRENIER**
[72] HOUSTON, RAYMOND H., CA
[71] HOUSTON, RAYMOND H., CA
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[54] **TEMPORARY SUPPORT FOR ELECTRICAL WIRE AND EXTENSION**
[54] **SUPPORT TEMPORAIRE POUR RALLONGE ET FILS ELECTRIQUE**
[72] DROUIN, CHRISTIAN, CA
[71] DROUIN, CHRISTIAN, CA
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[54] **RACCORD DE MAGASIN**
[72] CROSS, DAVID, CA
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[51] **Int.Cl. B44D 3/00 (2006.01)**
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[54] **PAINT TRAY COVER FOR USE WITH A PAINT TRAY**
[54] **REVETEMENT DE BAC A PEINTURE DESTINE A UN BAC A PEINTURE**
[72] GROENKE, CHRISTOPHER, CA
[71] GROENKE, CHRISTOPHER, CA
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[51] **Int.Cl. B61K 9/08 (2006.01)**
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[54] **LIGHT EMISSION POWER CONTROL APPARATUS AND METHOD**
[54] **APPAREIL DE COMMANDE DE PUISSANCE D'EMISSION DE LUMIERE ET METHODE**
[72] MESHER, DAREL, CA
[71] TETRA TECH TAS, INC., CA
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[51] **Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01)**
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[54] **FRINGE PROJECTION FOR IN-LINE INSPECTION**
[54] **PROJECTION DE PROFIL DESTINEE A L'INSPECTION EN LIGNE**
[72] ARDEN, TERENCE, CA
[72] LOEWEN, ROBERT, CA
[72] GUKOV, OLEKSIY, CA
[71] LMI TECHNOLOGIES INC., CA
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[54] **TWO-HANDED SYNCHRONOUS MECHANICAL CONTROL**
[54] **LA COMMANDE BI-MANUELLE MECANIQUE SYNCHRONE**
[72] PRUNEAU, MARTIAL M. P., CA
[72] LOIGNON, SEBASTIEN S. L., CA
[71] ATELIER PRUNO (9044-5552 QUEBEC INC.), CA
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[25] EN
[54] **AN ELECTRONIC RUDDER SYSTEM FOR KAYAKS, SUPS (STAND-UP PADDLE BOARDS) AND OTHER PADDLE CRAFT**
[54] **UN SYSTEME DE BARRE ELECTRONIQUE DESTINE A DES KAYAKS, DES PLANCHES A RAME ET AUTRES EMBARCATIONS A RAME**
[72] SQUAREK, DOUGLAS P., CA
[71] SQUAREK, DOUGLAS P., CA
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[54] **INSULATED TARPAULIN**
[54] **BACHE ISOLEE**
[72] LARSEN, OYSTEIN, NO
[72] FURSETH, ERIK, NO
[71] O.B. WIIK AS, NO
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[54] **DUTCHY WITH INTEGRATED PRESSURE INDICATOR**
[54] **BEIGNET A INDICATEUR DE PRESSION INTEGRE**
[72] KOSTER, NORMAN, CA
[71] STOUFFVILLE GLASS INC., CA
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[54] **POSITIVE ELECTRIC FIELD**
[54] **CHAMP ELECTRIQUE POSITIF**
[72] LI, ZHEN, CA
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[25] EN
[54] **MID-INFRARED LASER SYSTEM, MID-INFRARED OPTICAL AMPLIFIER, AND METHOD OF OPERATING A MID-INFRARED LASER SYSTEM**
[54] **SYSTEME LASER MI-INFRAROUGE, AMPLIFICATEUR OPTIQUE MI-INFRAROUGE ET METHODE D'EXPLOITATION D'UN SYSTEME LASER MI-INFRAROUGE**
[72] BERNIER, MARTIN, CA
[72] VALLEE, REAL, CA
[72] FORTIN, VINCENT, CA
[72] GAUTHIER, JEAN-CHRISTOPHE, CA
[72] DUVAL, SIMON, CA
[71] UNIVERSITE LAVAL, CA
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[25] EN
[54] **PROCESS FOR HYDROGEN PRODUCTION FROM GLYCEROL**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE A PARTIR DU GLYCEROL**
[72] SARMA, SAURABH JYOTI, IN
[72] MAITI, SAMPA, IN
[72] BRAR, SATINDER KAUR, CA
[72] LEBIHAN, YANN, CA
[72] BUELNA, GERARDO, CA
[72] VERMA, MAUSAM, CA
[72] PACHAPUR, VINAYAK, IN
[72] DAS, RATUL KUMAR, IN
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC (CRIQ), CA
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[54] **ILLUMINATED HANDLE ASSEMBLY**
[54] **DISPOSITIF DE POIGNEE ILLUMINEE**
[72] MEYERS, SCOTT, US
[71] ITC INCORPORATED, US
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[25] EN
[54] **COMPREHENSIVE WRAPPING AND WATERPROOF SNOW BOOTS AND PRODUCTION PROCESS THEREOF**
[54] **BOTTES DE NEIGE ENVELOPPANTES ET ETANCHES INTEGRALES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] CHEN, MAOSHUANG, CN
[71] CHEN, MAOSHUANG, CN
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[25] EN
[54] **COMPREHENSIVE WRAPPING AND ENVIRONMENT-FRIENDLY SHOES AND PRODUCTION PROCESS THEREOF**
[54] **CHAUSSURES ENVELOPPANTES ET ECORESPONSABLES INTEGRALES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] CHEN, MAOSHUANG, CN
[71] CHEN, MAOSHUANG, CN
[22] 2016-12-14
[41] 2018-04-13
[30] CN (201610892053.8) 2016-10-13

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[25] EN
[54] **ENVIRONMENT-FRIENDLY, CUSHIONING AND WELL-WRAPPING POPCORN BRIDGING SHOES AND PRODUCTION PROCESS THEREOF**
[54] **CHAUSSURES A GANSE AU MOTIF DE MAIS SOUFFLE ECORESPONSABLES, COUSSINEES ET BIEN ENVELOPPANTES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] CHEN, MAOSHUANG, CN
[71] CHEN, MAOSHUANG, CN
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[25] EN
[54] **A METHOD FOR PREPARING LYOPHILIZED ORGANIC SOLVENT-FREE CYCLOPHOSPHAMIDE**
[54] **UNE METHODE DE PREPARATION D'UN SOLVANT ORGANIQUE LYOPHILISE SANS CYCLOPHOSPHAMIDE**
[72] KANG, WON HO, KR
[72] JUNG, WON TAE, KR
[72] LEE, YOUNG HO, KR
[72] KANG, JUNG HOON, KR
[72] KIM, BYUCK HO, KR
[71] KOREA UNITED PHARM. INC., KR
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[30] KR (10-2016-0133819) 2016-10-14

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[54] **CONTROLLED DOSAGE CANNABIS EXTRACT E-LIQUID**
[54] **LIQUIDE DE CIGARETTE ELECTRONIQUE RENFERMANT UN EXTRAIT DE CANNABIS A DOSAGE CONTROLE**
[72] ANDERSON, LIAM, CA
[71] ANDERSON, LIAM, CA
[22] 2017-01-04
[41] 2018-04-08
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[51] **Int.Cl. E04B 1/98 (2006.01) E04H 9/00 (2006.01) F16F 7/12 (2006.01) F16F 9/20 (2006.01) F16F 15/08 (2006.01) E02D 31/08 (2006.01)**
[25] EN
[54] **VIBRATION DAMPER DEVICE AND LOAD-BEARING WALL STRUCTURE**
[54] **DISPOSITIF ATTENUATEUR DE VIBRATION ET STRUCTURE MURALE PORTEUSE DE CHARGE**
[72] IZUMI, JUNICHI, JP
[72] MATSUO, KAZUMA, JP
[71] MITSUI HOME CO., LTD., JP
[22] 2017-01-13
[41] 2018-04-14
[30] JP (2016-202223) 2016-10-14

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[51] **Int.Cl. B60P 3/22 (2006.01) B60R 3/00 (2006.01)**
[25] EN
[54] **HYDRAULIC OIL COOLER HAVING STEPS**
[54] **REFOIDISSEUR D'HUILE HYDRAULIQUE COMPORTANT DES ETAGES**
[72] GOODIER, PETER CHARLES, US
[71] PARAGON TANK TRUCK EQUIPMENT, LLC, US
[22] 2017-01-24
[41] 2018-04-10
[30] US (15/289,799) 2016-10-10

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[13] A1
[51] **Int.Cl. B21D 37/16 (2006.01) B21D 22/02 (2006.01)**
[25] EN
[54] **PRODUCTION PROCESS FOR STAMPED PARTS OF HIGH MECHANICAL RESISTANCE, THROUGH CONTROLLED ELECTRIC HEATING**
[54] **PROCEDE DE PRODUCTION DESTINE A DES PIECES ESTAMPEES A RESISTANCE MECANIQUE ELEVEE, PAR CHAUFFAGE ELECTRIQUE CONTROLE**
[72] SPORTELLI, PIETRO, BR
[71] AETHRA SISTEMAS AUTOMOTIVOS S/A, BR
[22] 2017-02-08
[41] 2018-04-11
[30] BR (BR 102016023753-0) 2016-10-11

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[51] **Int.Cl. E21B 19/07 (2006.01)**
[25] EN
[54] **SLIPS POSITIONING APPARATUS FOR A WELL OPERATION**
[54] **APPAREIL DE POSITIONNEMENT DE DISPOSITIFS DE GLISSEMENT DESTINE A UNE OPERATION DE PUITS**
[72] CLARKE, JASON PETER, CA
[72] CLARKE, DANIEL JOHN, CA
[71] PROSTAR MANUFACTURING INC., CA
[22] 2017-02-16
[41] 2018-04-11
[30] US (62/406,814) 2016-10-11

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[13] A1
[51] **Int.Cl. G01F 22/00 (2006.01) A01D 41/127 (2006.01) G01F 19/00 (2006.01)**
[25] EN
[54] **GRAIN LOSS GAUGING SYSTEM FOR COMBINE HARVESTER**
[54] **SYSTEME DE JAUGEAGE DE PERTE DE GRAIN DESTINE A UNE MOISSONNEUSE-BATTEUSE**
[72] SCHERMAN, PATRICK JOHN, CA
[72] SCHERMAN, TREVOR DEAN, CA
[71] SCHERGAIN HOLDINGS LTD., CA
[22] 2017-04-05
[41] 2018-04-13

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[13] A1
[51] **Int.Cl. E05F 15/60 (2015.01) E05F 15/605 (2015.01) E05D 15/26 (2006.01)**
[25] EN
[54] **BI-FOLD DOOR LATCH ASSEMBLY AND FLOOR ANCHOR ASSEMBLY**
[54] **MECANISME DE VERROU DE PORTE PLIANTE ET DISPOSITIF D'ANCRAGE AU PLANCHER**
[72] SCHWEISS, MICHAEL L., US
[71] SCHWEISS, MICHAEL L., US
[22] 2017-04-05
[41] 2018-04-11
[30] US (15/290,627) 2016-10-11

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/10 (2011.01) C12Q 1/6827 (2018.01) C12Q 1/6837 (2018.01) A01K 67/02 (2006.01) A61D 19/00 (2006.01)**
[25] EN
[54] **METHODS OF GENOMIC EVALUATION IN LIVESTOCK**
[54] **METHODES D'EVALUATION GENOMIQUE DU BETAIL**
[72] DOBRINSKY, JOHN, US
[72] MORENO, JUAN F., US
[72] HEUER, CLAAS, US
[72] KENDALL, DAVID, US
[71] INGURAN, LLC, US
[22] 2017-04-10
[41] 2018-04-14
[30] US (PCT/US2016/057115) 2016-10-14

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[13] A1
[51] **Int.Cl. C12Q 1/6888 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6851 (2018.01) C07H 21/04 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **QUANTITATIVE PCR-BASED ENVIRONMENTAL DNA ASSAYS**
[54] **EPREUVES BIOLOGIQUES D'ADN ENVIRONNEMENT FONDEES SUR L'ACP QUANTITATIVE**
[72] HELBING, CAREN CHRISTIANE, CA
[72] VELDHOEN, NICHOLAS, CA
[71] UVIC INDUSTRY PARTNERSHIPS INC., CA
[22] 2017-04-13
[41] 2018-04-11
[30] US (62/406,802) 2016-10-11

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **LIPID MARKERS FOR EARLY DIAGNOSIS OF BREAST CANCER**
[54] **MARQUEURS LIPIDIQUES DE DIAGNOSTIC PRECOCE DE CANCER DU SEIN**
[72] DENG, YOUPING, US
[71] RUSH UNIVERSITY MEDICAL CENTER, US
[22] 2017-04-21
[41] 2018-04-14
[30] US (62/408,410) 2016-10-14

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[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/32 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 3/00 (2006.01) C02F 3/10 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **TREATMENT OF TRADE EFFLUENT FROM FOOD WASTE DISPOSAL SYSTEMS**
[54] **TRAITEMENT D'EFFLUENT D'ECHANGE DE SYSTEMES D'ELIMINATION DE DECHETS ALIMENTAIRES**
[72] BHUSHAN, BHARAT, CA
[71] BHUSHAN, BHARAT, CA
[22] 2017-05-23
[41] 2018-04-11

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[13] A1
[51] **Int.Cl. B60P 3/36 (2006.01) E06B 5/00 (2006.01) E06B 7/00 (2006.01)**
[25] EN
[54] **SELF-CLOSING INTERIOR DOOR ACCESS PANEL**
[54] **PANNEAU D'ACCES DE PORTE INTERIEURE A FERMETURE AUTOMATIQUE**
[72] ANDERSON, DURAN, US
[72] PROVOST, WAYNE A., US
[71] BUG STOP LLC, US
[22] 2017-06-08
[41] 2018-04-12
[30] US (62/407,209) 2016-10-12
[30] US (15/332,401) 2016-10-24

[21] **2,975,357**
[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01) B64D 25/14 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **RETENTION SYSTEM FOR GAS CYLINDER VALVE**
[54] **SYSTEME DE RETENTION DESTINE A UNE VANNE DE BOMBONNE DE GAZ**
[72] SCHMIDT, RYAN, US
[72] BAGLINI, JAMES JR., US
[72] RUEGSEGGER, NICK, US
[71] GOODRICH CORPORATION, US
[22] 2017-08-02
[41] 2018-04-13
[30] US (15/292,507) 2016-10-13

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[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B64C 1/00 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **MODULAR ENVIRONMENTAL CONTROL CHAMBER**
[54] **CHAMBRE DE CONTROLE ENVIRONNEMENTAL MODULAIRE**
[72] BORUMAND, KHASHAYAR, US
[72] HASS, DAVID C., US
[72] SMITH, RANDALL S., US
[72] SCHUSTER, KARL E., US
[71] THE BOEING COMPANY, US
[22] 2017-08-09
[41] 2018-04-12
[30] US (15/292,102) 2016-10-12

[21] **2,976,475**
[13] A1
[51] **Int.Cl. A47G 33/06 (2006.01) F21K 9/00 (2016.01) F21S 10/02 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **ENVIRO-LIGHTS TREE**
[54] **ARBRE A LUMIERES ECOLOGIQUES**
[72] MCRAE, MICHAEL M., US
[71] NATIONAL TREE COMPANY, US
[22] 2017-08-15
[41] 2018-04-10
[30] US (62/406,132) 2016-10-10
[30] US (15/468,843) 2017-03-24

[21] **2,976,707**
[13] A1
[51] **Int.Cl. B67B 7/44 (2006.01) A47J 43/28 (2006.01) B26B 11/00 (2006.01) B67B 7/46 (2006.01)**
[25] EN
[54] **FOOD BAG WORKING TOOL**
[54] **OUTIL DE TRAVAIL DE SAC D'ALIMENTS**
[72] LEE, JEFFREY, US
[72] YOUNG, MICHAEL, US
[71] SAN JAMAR, INC., US
[22] 2017-08-17
[41] 2018-04-10
[30] US (15/289,326) 2016-10-10

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[13] A1
[51] **Int.Cl. A47C 7/62 (2006.01) B61D 37/00 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **PRIVACY PARTITION, SYSTEM AND METHOD**
[54] **ESPACE PRIVE, SYSTEME ET METHODE**
[72] HALL, CURTIS L., JR., US
[72] LUTZ, MELISSA HOLT, US
[72] HALL, TANIA D., US
[71] THE BOEING COMPANY, US
[22] 2017-08-18
[41] 2018-04-11
[30] US (15/290082) 2016-10-11

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[13] A1
[51] **Int.Cl. B65H 75/18 (2006.01) B65H 19/28 (2006.01) B65H 75/28 (2006.01)**
[25] EN
[54] **CORE WITH CUSHION STRIP**
[54] **CENTRE DOTE D'UNE BANDE COUSSINEE**
[72] COUCHEY, BRIAN P., US
[72] WRENN, JOHN, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-08-23
[41] 2018-04-12
[30] US (15/273,885) 2016-10-12

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM WITH SINGLE PIECE SPANNING MULTIPLE PANELS**
[54] **SYSTEME DE COUVRE-TONNEAU DOTE DE PANNEAUX MULTIPLES DEPLOYES EN UNE SEULE PIECE**
[72] SPENCER, MICHAEL R., US
[71] TRUXEDO, INC., US
[22] 2017-08-25
[41] 2018-04-11
[30] US (15/290,077) 2016-10-11

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/16 (2006.01)**
[25] EN
[54] **SEEDING SYSTEM**
[54] **MECANISME DE SEMOIR**
[72] BORKGREN, STANLEY R., US
[72] GRAHAM, WILLIAM D., US
[72] SNIPES, TERRY L., US
[72] GARNER, ELIJAH B., US
[72] CASPER, ROBERT T., US
[72] MCCARTNEY, SCOTT C., US
[72] FRAISER, MICHAEL E., US
[71] DEERE & COMPANY, US
[22] 2017-08-25
[41] 2018-04-11
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[13] A1
[51] **Int.Cl. A01B 23/06 (2006.01) A01B 15/16 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **WEAR RESISTANT DISK BLADE AND AGRICULTURAL MACHINE WITH WEAR RESISTANT DISK BLADE**
[54] **LAME DE DISQUE RESISTANTE A L'USURE ET MACHINE AGRICOLE DOTEE DE LA LAME DE DISQUE RESISTANTE A L'USURE**
[72] GROVES, TYLER G., US
[72] MARTIN, ROBERT W., US
[72] AUGUSTINE, BRENT A., US
[72] NEDVED, PETER R., US
[71] DEERE & COMPANY, US
[22] 2017-08-25
[41] 2018-04-11
[30] US (62/406,452) 2016-10-11
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[51] **Int.Cl. G05D 1/12 (2006.01) G01C 21/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TARGET RELATIVE GUIDANCE**
[54] **METHODE ET APPAREIL DE GUIDAGE PAR RAPPORT A UNE CIBLE**
[72] RYSDYK, ROLF, US
[71] INSITU, INC., US
[22] 2017-08-28
[41] 2018-04-11
[30] US (15/290,840) 2016-10-11

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[13] A1
[51] **Int.Cl. G05D 3/14 (2006.01) H02K 11/215 (2016.01) B64C 13/02 (2006.01) B64C 13/16 (2006.01) H02P 5/00 (2016.01) H02P 25/22 (2006.01)**
[25] EN
[54] **MULTIPLE ELECTROMECHANICAL ACTUATOR CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE D'ACTIONNEUR ELECTROMECANIQUE MULTIPLE**
[72] PECK, JAMES L., JR., US
[72] QUIAMBAO, JIMMY M., US
[72] COFFMAN, JEFFREY CHARLES, US
[71] THE BOEING COMPANY, US
[22] 2017-08-30
[41] 2018-04-10
[30] US (15/289409) 2016-10-10

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[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01) F02M 35/024 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT INLET ASSEMBLY WITH PARTICLE SEPARATOR**
[54] **DISPOSITIF D'ENTREE DE MODULE D'ALIMENTATION AUXILIAIRE DOTE D'UN SEPARATEUR DE PARTICULE**
[72] DIONNE, LUC, CA
[72] VILLENEUVE, BRUNO, CA
[72] COURTOIS, MAXIME, CA
[72] HAGSHENAS, BEHZAD, US
[72] JULIEN, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-04-14
[30] US (15/294,285) 2016-10-14

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[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01) F02M 35/024 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT INLET ASSEMBLY WITH FILTER**
[54] **DISPOSITIF D'ENTREE DE MODULE D'ALIMENTATION AUXILIAIRE DOTE D'UN FILTRE**
[72] DIONNE, LUC, CA
[72] VILLENEUVE, BRUNO, CA
[72] COURTOIS, MAXIME, CA
[72] HAGSHENAS, BEHZAD, US
[72] JULIEN, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-04-14
[30] US (15/294,247) 2016-10-14

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[13] A1
[51] **Int.Cl. B64D 41/00 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01) F02M 35/024 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT ASSEMBLY WITH REMOVABLE INLET FILTER**
[54] **DISPOSITIF DE MODULE D'ALIMENTATION AUXILIAIRE DOTE D'UN FILTRE D'ENTREE AMOVIBLE**
[72] DIONNE, LUC, CA
[72] VILLENEUVE, BRUNO, CA
[72] COURTOIS, MAXIME, CA
[72] HAGSHENAS, BEHZAD, US
[72] JULIEN, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-04-14
[30] US (15/294,298) 2016-10-14

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[13] A1
[51] **Int.Cl. C11D 1/72 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **PEROXIDE-FREE POLYMER AND SURFACTANT LIQUID LAUNDRY ADDITIVE COMPOSITIONS**
[54] **COMPOSITIONS ADDITIVES DE LIQUIDE POUR LA LESSIVE COMPORTANT UN SURFACTANT ET UN POLYMERE EXEMPTES DE PEROXYDE**
[72] FALK, NANCY A., US
[72] CAPRACOTTA, MICHAEL D., US
[72] GROSS, STEPHEN F., US
[72] MCDANIEL, ASHLEY M., US
[72] RUMJAHN, AMINAH M.., US
[72] SALMON, KEVIN M., US
[71] THE CLOROX COMPANY, US
[22] 2017-09-12
[41] 2018-04-14
[30] US (15/294,344) 2016-10-14

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[13] A1
[51] **Int.Cl. F41G 3/06 (2006.01) F41G 3/02 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **VISUAL DEVICE FOR DESIGNATING OBJECTIVES AND OBJECTIVE-DESIGNATION METHOD USING SAID DEVICE**
[54] **DISPOSITIF VISUEL SERVANT A DESIGNER DES OBJECTIFS ET METHODE DE DESIGNATION D'OBJECTIF AU MOYEN DUDIT DISPOSITIF**
[72] GIRAUD, MARIE-ANNICK, FR
[72] BORG, GREGORY, FR
[72] SANDOZ, STEPHANE, FR
[72] ALHADEF, BERNARD, FR
[71] SOFRESUD, FR
[22] 2017-09-15
[41] 2018-04-14
[30] FR (1660002) 2016-10-14

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[13] A1
[51] **Int.Cl. B64C 9/20 (2006.01) B64C 3/58 (2006.01)**
[25] EN
[54] **AIRCRAFT WINGS, AIRCRAFT, AND RELATED METHODS**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF, AERONEF ET METHODES ASOCIEES**
[72] KORDEL, JAN A., US
[72] BALZER, MICHAEL ALBERT, US
[72] BURTON, JEFFREY, US
[72] WALKER, STEVEN PAUL, US
[72] SAUNDERS, JOHN BARRY, US
[71] THE BOEING COMPANY, US
[22] 2017-09-20
[41] 2018-04-12
[30] US (15/291859) 2016-10-12

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[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B64D 47/08 (2006.01) G01B 11/16 (2006.01) G01M 5/00 (2006.01)**
[25] EN
[54] **AIRCRAFT MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'AERONEF**
[72] GRIFFITHS, ROBERT C., US
[72] VOTH, MITCHELL D., US
[71] THE BOEING COMPANY, US
[22] 2017-09-20
[41] 2018-04-10
[30] US (15/289477) 2016-10-10

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[13] A1
[51] **Int.Cl. B32B 37/00 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B32B 1/02 (2006.01) F01D 25/18 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING METHOD FOR TURBOFAN ENGINE OIL TANK**
[54] **METHODE DE FABRICATION ADDITIVE DE RESERVOIR D'HUILE DE MOTEUR A DOUBLE FLUX**
[72] BOUGELET, STEPHANE, BE
[72] CLEYET, FLORIAN, BE
[72] HENKES, TOM, BE
[72] SERVAIS, BRUNO, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-09-25
[41] 2018-04-13
[30] BE (2016/5769) 2016-10-13

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[13] A1
[51] **Int.Cl. G05B 23/00 (2006.01) B64C 13/02 (2006.01) B64C 13/04 (2006.01) B64C 27/22 (2006.01) G05G 5/05 (2006.01)**
[25] FR
[54] **ELECTRIC CONTROL ELEMENT, ROTORCRAFT AND PROCESS**
[54] **ORGANE DE COMMANDE ELECTRIQUE, AERONEF A VOILURE TOURNANTE ET PROCEDE**
[72] SALESSE-LAVERGNE, MARC, FR
[72] ABDELLI, KAMEL, FR
[72] SELLIER, OLIVIER, FR
[72] BIHEL, JEAN-ROMAIN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2017-09-25
[41] 2018-04-12
[30] FR (1601481) 2016-10-12

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[13] A1
[51] **Int.Cl. H03K 19/0175 (2006.01)**
[25] EN
[54] **DIGITAL SIGNAL INPUT CIRCUIT**
[54] **CIRCUIT D'ENTREE DE SIGNAL NUMERIQUE**
[72] LI, JIANZHAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2017-09-26
[41] 2018-04-09
[30] CN (201610879680.8) 2016-10-09

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[13] A1
[51] **Int.Cl. F02C 7/277 (2006.01) B64D 31/00 (2006.01) B64D 45/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **STARTER ISSUE DETECTION**
[54] **DETECTION DE PROBLEME DE DEMARREUR**
[72] KEMP, BRIAN CHRISTOPHER, US
[72] DRANSCHAK, DAVID ALLAN, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-09-28
[41] 2018-04-11
[30] US (15/290,508) 2016-10-11

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[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) F02C 7/277 (2006.01)**
[25] EN
[54] **INTEGRATED STARTER FOR AERIAL VEHICLE**
[54] **DEMARREUR INTEGRE DESTINE A UN VEHICULE AERIEN**
[72] KEMP, BRIAN CHRISTOPHER, US
[72] PUTERBAUGH, THEODORE SCOTT, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-09-28
[41] 2018-04-11
[30] US (15/290,475) 2016-10-11

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[13] A1
[51] **Int.Cl. F04B 43/04 (2006.01) F04B 45/047 (2006.01) H01L 41/083 (2006.01)**
[25] EN
[54] **COMPRESSOR WITH DUAL BIMORPH SYNTHETIC JET ASSEMBLIES**
[54] **COMPRESSEUR EQUIPE D'ASSEMBLAGES DE JET SYNTHETIQUE BIMORPHE DOUBLE**
[72] BENNETT, GROVER ANDREW, JR., US
[72] BOESPFLUG, MATTHEW PATRICK, US
[72] SADDOUGHI, SEYED GHOLAMALI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-09-28
[41] 2018-04-10
[30] US (15/289,471) 2016-10-10

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[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **VERTICAL HYDROPONIC PLANT PRODUCTION APPARATUS**
[54] **APPAREIL DE PRODUCTION DE PLANTS HYDROPONIQUES VERTICAUX**
[72] STOREY, NATHANIEL R., US
[71] UNIVERSITY OF WYOMING, US
[22] 2017-09-28
[41] 2018-04-10
[30] US (15/289,576) 2016-10-10

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[13] A1
[51] **Int.Cl. A42B 3/08 (2006.01) A42B 3/00 (2006.01)**
[25] EN
[54] **HELMET STRAP, HELMET, AND METHOD OF MANUFACTURING A HELMET STRAP**
[54] **COURROIE DE CASQUE, CASQUE ET METHODE DE FABRICATION D'UNE COURROIE DE CASQUE**
[72] VON DUNTEN, MARC, DE
[72] OCKLENBURG, MATTHIAS, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2017-09-26
[41] 2018-04-10
[30] DE (102016119242.2) 2016-10-10

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[13] A1
[51] **Int.Cl. G01R 23/14 (2006.01)**
[25] EN
[54] **ELECTRICAL MEASURING SYSTEM AND METHOD FOR OPERATING THE SYSTEM**
[54] **SYSTEME DE MESURE D'ELECTRICITE ET METHODE D'EXPLOITATION DUDIT SYSTEME**
[72] LURZ, FABIAN, DE
[72] LINDNER, STEFAN, DE
[72] KOELPIN, ALEXANDER, DE
[72] HALDER, ERNST, DE
[72] DINGLER, PETER, DE
[72] SEPT-ENZEL, GEROLD, DE
[71] HORST SIEDLE GMBH & CO. KG, DE
[22] 2017-09-29
[41] 2018-04-13
[30] DE (10 2016 119 562.6) 2016-10-13

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[51] **Int.Cl. B25C 7/00 (2006.01)**
[25] EN
[54] **ACCESSORY ATTACHMENT FOR DRIVEN FASTENER HAND TOOL**
[54] **DISPOSITIF DE FIXATION D'ACCESSOIRE DESTINE A UN OUTIL MANUEL DE FIXATION ENTRAINE**
[72] WONG, RAYMOND, US
[72] CHEN, SHIH-YI, TW
[72] CHEN, CHIN-CHUAN, TW
[71] POWER TECH STAPLE AND NAIL, INC., US
[22] 2017-10-02
[41] 2018-04-10
[30] US (62/406356) 2016-10-10

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[13] A1
[51] **Int.Cl. G05D 23/20 (2006.01) F24F 11/63 (2018.01) F24F 11/88 (2018.01) F24D 19/10 (2006.01)**
[25] EN
[54] **CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS**
[54] **DISPOSITIF DE COMMANDE DOTE DE RELAIS A SEMICONDUCTEURS PROTEGES CONTRE LE COURANT**
[72] NICULESCU, CRISTIAN SEBASTIAN, CA
[72] METSELAAR, JOHN THEODORE, CA
[71] ECOBEE INC., CA
[22] 2017-10-02
[41] 2018-04-13
[30] US (15/292648) 2016-10-13

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[51] **Int.Cl. A61B 34/20 (2016.01) G16H 20/40 (2018.01)**
[25] EN
[54] **REGISTRATION OF A MAGNETIC TRACKING SYSTEM WITH AN IMAGING DEVICE**
[54] **ENREGISTREMENT D'UN SYSTEME DE SUIVI MAGNETIQUE DOTE D'UN DISPOSITIF D'IMAGERIE**
[72] GLINER, VADIM, IL
[72] MAYER, RAM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-10-02
[41] 2018-04-11
[30] US (15/290,968) 2016-10-11

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[13] A1
[51] **Int.Cl. E04G 5/06 (2006.01) E04G 1/00 (2006.01)**
[25] EN
[54] **BRACKET SCAFFOLD**
[54] **ECHAUFFAUDAGE A SUPPORT**
[72] SCHMID, JOSEF, DE
[71] PERI GMBH, DE
[22] 2017-10-04
[41] 2018-04-14
[30] DE (10 2016 220 051.8) 2016-10-14

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[13] A1
[51] **Int.Cl. G01N 1/31 (2006.01)**
[25] EN
[54] **BIOPSY SPECIMEN CARRIER**
[54] **SUPPORT DE PRELEVEMENT DE BIOPSIE**
[72] STONE, NELSON N., US
[72] BROWN, MIKE A., US
[72] SCHECHTER, DAVID A., US
[72] KOVACH, J. LOUIS, US
[72] VERPLANCK, SAMUEL V., US
[72] KINGSTON, DEAN M., US
[71] 3DBIOPSY LLC, US
[22] 2017-10-03
[41] 2018-04-13
[30] US (15292161) 2016-10-13

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[13] A1
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/01 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **CORRECTION OF ROTATION RATE MEASUREMENTS**
[54] **CORRECTION DE MESURES DE VITESSE DE ROTATION**
[72] LEDROZ, ADRIAN, US
[71] GYRODATA, INCORPORATED, US
[22] 2017-10-02
[41] 2018-04-12
[30] US (15/291,998) 2016-10-12

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[13] A1
[51] **Int.Cl. A63G 9/04 (2006.01) A63G 31/02 (2006.01)**
[25] EN
[54] **ROTATABLE PLAY DEVICE**
[54] **DISPOSITIF DE JEU ROTATIF**
[72] NORQUIST, THOMAS ROBERT, US
[72] BLACKWOOD, KIM CORVIN, US
[71] PLAYCORE WISCONSIN, INC., US
[22] 2017-10-04
[41] 2018-04-11
[30] US (15/363,820) 2016-11-29
[30] US (62/406,791) 2016-10-11

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[13] A1
[51] **Int.Cl. G04G 7/00 (2006.01) H02J 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SYNCHRONIZING TIME SOURCES WITHIN A PROTECTION ZONE OF A DIGITAL POWER SUBSTATION**
[54] **SYSTEMES ET METHODE DE SYNCHRONISATION DE SOURCES TEMPORELLES DANS UNE ZONE DE PROTECTION D'UNE STATION SECONDAIRE D'ALIMENTATION NUMERIQUE**
[72] HAMOUR, IHAB, CH
[72] KANABAR, MITALKUMAR G., CH
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2017-10-05
[41] 2018-04-14
[30] US (15/293,396) 2016-10-14

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[13] A1
[51] **Int.Cl. F04B 49/00 (2006.01) F04B 49/22 (2006.01) F04B 51/00 (2006.01) F04B 53/10 (2006.01) G01F 3/14 (2006.01)**
[25] EN
[54] **RECIPROCATING COMPRESSOR FLOW SENSING**
[54] **DETECTEUR DE FLUX DE COMPRESSEUR ALTERNATIF**
[72] ZURLO, JAMES RICHARD, US
[72] FREUND, SEBASTIAN, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-10-05
[41] 2018-04-11
[30] US (15/290,746) 2016-10-11

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[13] A1
[51] **Int.Cl. B29B 9/02 (2006.01)**
[25] EN
[54] **PELLET MILL CONTROLLER**
[54] **CONTROLEUR DE MOULIN A GRANULES**
[72] GAALSWYK, CHRISTOPHER M., US
[72] CLYMER, JOHN, US
[71] EASY AUTOMATION, INC., US
[22] 2017-10-05
[41] 2018-04-11
[30] US (62/406,629) 2016-10-11
[30] US (15/722,186) 2017-10-02

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[13] A1
[51] **Int.Cl. E03C 1/044 (2006.01) E03C 1/04 (2006.01)**
[25] EN
[54] **TEMPERATURE LIMITING FAUCET**
[54] **ROBINET A LIMITATION DE TEMPERATURE**
[72] MAIN, BRIAN DAVID, CA
[72] FISHER, BRYAN TODD, CA
[72] MCLENNAN, PAUL, CA
[72] STAUDER, FRANK, CA
[71] MASCO CANADA LIMITED, CA
[22] 2017-10-05
[41] 2018-04-14
[30] US (62/408,479) 2016-10-14
[30] US (15/723,403) 2017-10-03

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[13] A1
[51] **Int.Cl. B60H 1/24 (2006.01) B60H 1/26 (2006.01) B60P 3/36 (2006.01)**
[25] EN
[54] **ROOF FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR DE TOIT**
[72] SMITH, MARK L., US
[72] HARRIS, AARON L., US
[72] SUNKARA, HARI RP, US
[72] ALLARD, JAMES E., US
[71] DOMETIC SWEDEN AB, SE
[22] 2017-10-05
[41] 2018-04-13
[30] US (15/292,239) 2016-10-13

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01) G09F 9/30 (2006.01)**
[25] EN
[54] **METHOD AND COMPUTING DEVICE FOR OPTIMIZING PLACEMENT OF DIGITAL SIGNAGE CONTENT BASED ON AUDIENCE SEGMENTS**
[54] **METHODE ET APPAREIL INFORMATIQUE DESTINES A OPTIMISER LE POSITIONNEMENT DE CONTENU D'AFFICHAGE NUMERIQUE FONDE SUR DES SEGMENTS D'AUDITOIRE**
[72] MONGEAU, BRYAN, CA
[71] BROADSIGN SERV LLC, US
[22] 2017-10-05
[41] 2018-04-11
[30] US (15/290,337) 2016-10-11

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **DYNAMIC SUPPLY CHAIN MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEME ET METHODE DE GESTION DYNAMIQUE DE LA CHAINE D'APPROVISIONNEMENT**
[72] NADELLA, TRINADH, US
[72] LI, MING, US
[72] POP, MARIANA, US
[72] CHAVVA, PRANAY K., US
[72] YANG, XIN, US
[71] WAL-MART STORES, INC., US
[22] 2017-10-06
[41] 2018-04-12
[30] US (62/407,042) 2016-10-12

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[13] A1
[51] **Int.Cl. B66D 5/14 (2006.01) B66D 1/40 (2006.01) B66D 1/82 (2006.01) E21B 19/02 (2006.01) E21B 19/084 (2006.01)**
[25] EN
[54] **DRAWWORKS GEARBOX WITH REDUNDANT BRAKING ON INPUT SIDE**
[54] **BOITE D'ENGRENAGES DE TREUIL DE FORAGE A FREINAGE REDONDANT SUR LE COTE ENTREE**
[72] NETECKE, MICHAEL R., US
[72] CABRERA, ROGELIO, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[22] 2017-10-06
[41] 2018-04-10
[30] US (15/289561) 2016-10-10

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[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **IMPROVED HYDROPONIC CULTURE SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT DE CULTURE HYDROPONIQUE AMELIORE**
[72] CATTARUZZA, ATTILIO, IT
[71] RO-SA PLAST S.P.A., IT
[22] 2017-10-05
[41] 2018-04-13
[30] IT (102016000103095) 2016-10-13

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[13] A1
[51] **Int.Cl. B29C 64/141 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 40/00 (2015.01) B33Y 70/00 (2015.01) B29C 64/30 (2017.01)**
[25] EN
[54] **REMOVABLE SUPPORT MATERIAL COMPRISING TACKIFIER FOR ADDITIVE MANUFACTURING**
[54] **MATERIAU DE SUPPORT AMOVIBLE COMPORTANT UN AGENT POISSEUX SERVANT A LA FABRICATION ADDITIVE**
[72] CHOPRA, NAVEEN, CA
[72] BAKHSHAEI, BAHARAK, CA
[72] MOORLAG, CAROLYN, CA
[72] ALLEN, C. GEOFFREY, CA
[72] KANUNGO, MANDAKINI, US
[72] BADESHA, SANTOKH, US
[72] PRAHARAJ, SEEMIT, US
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-13
[30] US (15/293195) 2016-10-13

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[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) B33Y 70/00 (2015.01) B29C 64/20 (2017.01)**
[25] EN
[54] **INK COMPOSITION FOR USE IN 3D PRINTING**
[54] **COMPOSITION D'ENCRE DESTINEE A UNE UTILISATION POUR L'IMPRESSION 3D**
[72] CHOPRA, NAVEEN, CA
[72] BAKHSHAEI, BAHARAK, CA
[72] BRETON, MARCEL P., CA
[72] SISLER, GORDON, CA
[72] MOORLAG, CAROLYN, CA
[72] JIDDAWI, SALEH, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ALLEN, C. GEOFFREY, CA
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-11
[30] US (15/290320) 2016-10-11

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[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) B33Y 40/00 (2015.01) B33Y 70/00 (2015.01) C09D 11/30 (2014.01)**
[25] EN
[54] **CURABLE INK COMPOSITION**
[54] **COMPOSITION D'ENCRE DURCISSABLE**
[72] CHOPRA, NAVEEN, CA
[72] SISLER, GORDON, CA
[72] JIDDAWI, SALEH, CA
[72] ALLEN, C. GEOFFREY, CA
[72] MOORLAG, CAROLYN, CA
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-11
[30] US (15/290396) 2016-10-11

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[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **INK COMPOSITION FOR USE IN 3D PRINTING**
[54] **COMPOSITION D'ENCRE DESTINEE A UNE UTILISATION POUR L'IMPRESSION 3D**
[72] CHOPRA, NAVEEN, CA
[72] BAKHSHAEI, BAHARAK, CA
[72] BRETON, MARCEL P., CA
[72] SISLER, GORDON, CA
[72] MOORLAG, CAROLYN, CA
[72] JIDDAWI, SALEH, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ALLEN, C. GEOFFREY, CA
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-11
[30] US (15/290326) 2016-10-11

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[13] A1
[51] **Int.Cl. G03G 5/04 (2006.01) B32B 7/02 (2006.01) B32B 27/18 (2006.01) B32B 27/28 (2006.01) C08K 5/18 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **POLYCARBONATE CONTAINING PHOTOCONDUCTORS**
[54] **POLYCARBONATE RENFERMANT DES PHOTOCONDUCTEURS**
[72] WU, JIN, US
[72] DINH, KENNY-TUAN, US
[72] ZHANG, LANHUI, US
[72] KELLY, JIMMY E., US
[72] THOMAS, MARK S., US
[72] FU, MIN-HONG, US
[72] MA, LIN, US
[72] SILVESTRI, MARKUS R., US
[72] LIVECCHI, MARC J., US
[72] HEDRICK, ROBERT W., US
[72] FERRARESE, LINDA L., US
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-13
[30] US (15/292931) 2016-10-13

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[13] A1
[51] **Int.Cl. E03B 3/03 (2006.01) E03F 5/10 (2006.01)**
[25] EN
[54] **RAIN OVERFLOW BASIN FOR COLLECTING AND STORING WATER**
[54] **BASSIN DE RETENTION DE DEBORDEMENT PLUVIAL SERVANT A COLLECTER ET CONSERVER L'EAU**
[72] NAPIERSKI, UWE, DE
[72] STARATZKE, HEINZ JURGEN, DE
[72] WENDT, MAUELA, DE
[71] AMIANTIT GERMANY GMBH, DE
[22] 2017-10-16
[41] 2018-04-13
[30] EP (16 193 741.2) 2016-10-13

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[21] **2,981,839**
[13] A1
[51] **Int.Cl. G03G 15/20 (2006.01) C08K 3/38 (2006.01) C08K 7/00 (2006.01) C08L 79/08 (2006.01)**
[25] EN
[54] **FUSER MEMBERS**
[54] **ELEMENTS DE DISPOSITIFS DE FUSION**
[72] WU, JIN, US
[72] MA, LIN, US
[71] XEROX CORPORATION, US
[22] 2017-10-06
[41] 2018-04-13
[30] US (15/292961) 2016-10-13

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **TURBINE SHROUD WITH I-BEAM CONSTRUCTION**
[54] **ENVELOPPE DE TURBINE A CONSTRUCTION A POUTRE EN I**
[72] THOMAS, DAVID J., US
[72] WALSTON, JEFFREY A., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-10-10
[41] 2018-04-14
[30] US (15/294177) 2016-10-14

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/32 (2006.01) E06B 9/322 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **ADJUSTABLE INTERNAL DOUBLE LIMIT STOP FOR ROLLER SHADES**
[54] **ARRET A DOUBLE LIMITE INTERNE AJUSTABLE DESTINE A DES STORES ENROULEURS**
[72] SMITH, STEPHEN P., US
[72] FALLER, KENNETH M., US
[71] HUNTER DOUGLAS, INC., US
[22] 2017-10-10
[41] 2018-04-14
[30] US (62/408,291) 2016-10-14

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[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **ATTACHMENT MEMBER FOR AN ARCHITECTURAL COVERING**
[54] **ELEMENT DE FIXATION DESTINE A UN REVETEMENT ARCHITECTURAL**
[72] HOLT, RONALD, US
[72] WISECUP, STEPHEN T., US
[72] DECARLO, ARNOLD, US
[71] HUNTER DOUGLAS, INC., US
[22] 2017-10-10
[41] 2018-04-14
[30] US (62/408,571) 2016-10-14

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[13] A1
[51] **Int.Cl. F04B 47/12 (2006.01) E21B 33/03 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **RETRIEVAL OF MULTI-COMPONENT PLUNGER IN WELL PLUNGER LIFT SYSTEM**
[54] **EXTRAIT DE PISTON-PLONGEUR MULTICOMPOSANTE DANS UN APPAREIL DE LEVAGE DE PISTON-PLONGEUR DE PUITS**
[72] AGARWAL, MANISH, US
[72] NFORGWEI, CARDINAL T., US
[72] BRACKEN, JAMES R., US
[72] ALBERS, DARRYL, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-10-10
[41] 2018-04-11
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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **A DIMMING DEVICE AND LIGHTING DEVICE**
[54] **UN DISPOSITIF GRADATEUR ET APPAREIL D'ECLAIRAGE**
[72] WEI, HONGBIN, CN
[72] DENG, YONGHUI, CN
[72] NI, QIAN, CN
[72] CHEN, LONGYU, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-10-10
[41] 2018-04-11
[30] CN (201610888700.8) 2016-10-11

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[13] A1
[51] **Int.Cl. B60R 19/42 (2006.01) B60R 19/56 (2006.01) B62D 25/02 (2006.01)**
[25] EN
[54] **A SIDE PROTECTION DEVICE FOR A VEHICLE, RELATED KIT AND VEHICLE PROVIDED WITH THE SAME**
[54] **UN DISPOSITIF DE PROTECTION LATERALE DESTINE A UN VEHICULE, TROUSSE ASSOCIEE ET VEHICULE COMPORTANT LEDIT DISPOSITIF**
[72] FORTIER, PAUL HENRI, CA
[71] FORTIER, SIMON, CA
[71] FORTIER, SYLVAIN, CA
[22] 2017-10-11
[41] 2018-04-11
[30] US (62/406,570) 2016-10-11

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[13] A1
[51] **Int.Cl. B62D 25/02 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **BOTTOM RAIL ASSEMBLY FOR TRAILERS**
[54] **ASSEMBLAGE DE RAIL INFERIEUR DESTINE A DES REMORQUES**
[72] JAWORSKI, LESZEK S., US
[72] CHAVEZ, ENRIQUE, JR., US
[71] HYUNDAI TRANSLEAD, US
[22] 2017-10-11
[41] 2018-04-13
[30] US (62/407,752) 2016-10-13
[30] US (15/344,347) 2016-11-04

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[13] A1
[51] **Int.Cl. G06F 12/16 (2006.01) G06F 3/0482 (2013.01)**
[25] EN
[54] **INFORMATION BACKUP SYSTEM AND METHOD OF STORING PERSONAL INFORMATION TO BE RETRIEVED IN INSTANCES OF EMERGENCY**
[54] **SYSTEME DE SAUVEGARDE D'INFORMATION ET METHODE DE STOCKAGE D'INFORMATION PERSONNELLE A EXTRAIRE EN CAS D'URGENCE**
[72] OLEXA, TINA F., CA
[71] OLEXA, TINA F., CA
[22] 2017-10-11
[41] 2018-04-11
[30] US (62406681) 2016-10-11

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **REGISTRY DOMAIN NAME MANAGEMENT**
[54] **GESTION DE NOM DE DOMAINE DE REGISTRE**
[72] SLAUNWHITE, DONALD, CA
[72] JIE, XIAOPING, CA
[72] ZHANG, TONGFENG, CA
[71] CANADIAN INTERNET REGISTRATION AUTHORITY, CA
[22] 2017-10-11
[41] 2018-04-11
[30] US (62/406,772) 2016-10-11

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[13] A1
[51] **Int.Cl. F16L 59/16 (2006.01) F16L 3/00 (2006.01)**
[25] EN
[54] **PIPING INSULATION INSERT**
[54] **INSERTION ISOLANTE DE TUYAU**
[72] ALLAIRE, JOHN, CA
[71] ALLAIRE, JOHN, CA
[22] 2017-10-11
[41] 2018-04-13
[30] US (15/293,027) 2016-10-13

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[13] A1
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[25] EN
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[54] **INTERRUPTEUR DE DISPOSITIF D'INTERFACE HUMAIN DOTE D'UNE FONCTION DE SECURITE**
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[72] LIN, KUN-YUAN, TW
[71] I/O INTERCONNECT, LTD., US
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[54] **IMPROVED LIQUID PISTON COMPRESSOR SYSTEM**
[54] **SYSTEME DE COMPRESSEUR A PISTON LIQUIDE AMELIORE**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
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[54] **SYSTEME DE DETECTION DE POSITION DE PORTE DE GARAGE ET DISPOSITIF**
[72] GREEN, RYAN, CA
[71] UPWARDOR INC., CA
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[54] **PALETTE DOTEE D'UNE PLATEFORME DECOUPEE**
[72] APPS, WILLIAM P., US
[72] HASSELL, JON P., US
[72] REZENDE, MARIEL, US
[71] REHRIG PACIFIC COMPANY, US
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[54] **TURBOMACHINE OIL TANK**
[54] **RESERVOIR D'HUILE DE TURBOMACHINE**
[72] CLEYET, FLORIAN, BE
[72] BOUGELET, STEPHANE, BE
[71] SAFRAN AERO BOOSTERS SA, BE
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[54] **DOCKING STATION FOR ELECTRONIC DEVICE**
[54] **STATION D'ACCUEIL DE DISPOSITIFS ELECTRONIQUES**
[72] PISCHEL, TRAVIS, US
[72] LEWANDOWSKI, JASON, US
[71] GAMBER-JOHNSON LLC, US
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[54] **PERSONAL WATERCRAFT FOR AMPLIFYING MANUAL ROWING OR PADDLING WITH PROPULSION**
[54] **EMBARCATION INDIVIDUELLE SERVANT A AMPLIFIER LE MOUVEMENT MANUEL DE PAGAIE OU DE RAME AU MOYEN DE LA PROPULSION**
[72] SCHIBLI, NIKOLAUS P., CH
[71] SCHIBLI, NIKOLAUS P., CH
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[54] **METHOD AND DEVICE FOR SELECTIVELY PROVIDING IRRIGATION FLUID TO A TARGET PATIENT TISSUE SITE**
[54] **METHODE ET APPAREIL SERVANT A FOURNIR DE MANIERE SELECTIVE UN FLUIDE D'IRRIGATION A UN SITE CIBLE DE TISSU D'UN PATIENT**
[72] PARK, WOOSUP MICHAEL, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **LAME DE CHASSE-NEIGE ET PLAQUE DE COUVERTURE**
[72] AQUINO, MATT, US
[71] AQUINO, MATT, US
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[54] **HIDING BY USING AIR VOIDS ENCAPSULATED IN HOLLOW GLASS SPHERES**
[54] **POUVOIR CACHANT OBTENU EN UTILISANT DES VIDES D'AIR ENCAPSULES DANS DES SPHERES DE VERRE CREUSES**
[72] TARNG, MING-REN, US
[72] YEN, YING-CHIEH, US
[72] SHI, JINZHEN, US
[72] CANTRELL, ROANIC GREYDON, US
[72] XUE, CHENMING, US
[71] BEHR PROCESS CORPORATION, US
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[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR IMPROVED FORECASTING RESIDUAL VALUES OF A DURABLE GOOD OVER TIME**
[54] **SYSTEME, METHODE ET PROGRAMME INFORMATIQUE DESTINES A LA PREVISION AMELIOREE DE VALEURS RESIDUELLES DE BIEN DURABLE DANS LE TEMPS**
[72] HANSEN, MORGAN SCOTT, US
[72] ABE, BRIAN IZUMI, US
[72] STRAUSS, OLIVER THOMAS, US
[71] ALG, INC., US
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[25] EN
[54] **CORRUGATED BRIDGING MEMBER**
[54] **ELEMENT DE PONTAGE ONDULE**
[72] DAUDET, LARRY RANDALL, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[25] EN
[54] **JET PUMP LIFT SYSTEM FOR PRODUCING HYDROCARBON FLUIDS**
[54] **SYSTEME DE SOULEVEMENT DE POMPE A JET DESTINE A LA PRODUCTION DE FLUIDES D'HYDROCARBURES**
[72] AGARWAL, MANISH, US
[72] LEMBCKE, JEFFREY JOHN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **IMPACT MITIGATION VEHICLE COVER**
[54] **REVETEMENT DE VEHICULE ATTENUANT L'IMPACT**
[72] ROBB, POPADYNETZ, CA
[71] ROBB, POPADYNETZ, CA
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[54] **FRAMELESS REFRIGERATED CASE**
[54] **BOITE REFRIGEREE SANS CADRE**
[72] SIMON, PAUL, US
[72] GRAY, ERIC, US
[72] SEARL, STEVE, US
[72] STEELE, DAVID A., US
[71] ZERO ZONE, INC., US
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[54] **AORTIC PUNCH**
[54] **POINCON DESTINE A L'AORTE**
[72] VOLDEN, BRADLEY, US
[72] GENENDER, ALAN, US
[72] ROBERTS, DEREK, US
[72] FONG, BRENDAN, US
[71] MEDLINE INDUSTRIES, INC., US
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[54] **MONITORING THE ACTIVITY OF REFORMING CATALYST**
[54] **SURVEILLANCE DE L'ACTIVITE DE CATALYSEUR REFORMANT**
[72] ESMAILI, ALI, US
[72] ISOM, JOSHUA DAVID, US
[72] SINGH, SUYASH, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **ADJUSTABLE ARMREST SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES D'ACCOUDOIR AJUSTABLE ET METHODES DESTINEES A LA MANUTENTION DE MATERIAU**
[72] RICHARDS, CURTIS DONALD, US
[72] ADELMANN, DAN PHILIP, US
[71] THE RAYMOND CORPORATION, US
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[54] **HANDLE POSITION SENSING SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES DE DETECTION DE POSITION DE POIGNEE ET METHODES DESTINEES A LA MANIPULATION DE MATERIAU**
[72] PORTER, RANDY DAVID, US
[72] VANDERPOOL, JOSHUA DANIEL, US
[71] THE RAYMOND CORPORATION, US
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[54] **INDIRECT HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE INDIRECT**
[72] BEAVER, ANDREW, US
[72] AARON, DAVID ANDREW, US
[72] ROUSSELET, YOHANN LILIAN, US
[71] BALTIMORE AIRCOIL COMPANY, INC., US
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[51] **Int.Cl. H05B 3/06 (2006.01) F24D 13/02 (2006.01) H05B 1/02 (2006.01) H05B 3/22 (2006.01)**
[25] EN
[54] **ELECTRIC HEATING SYSTEM, ELECTRIC HEATING PANEL, METHOD OF MANUFACTURING THEREOF, LAYING STRUCTURE THEREOF, AND LAYING METHOD THEREOF**
[54] **SYSTEME DE CHAUFFAGE ELECTRIQUE, PANNEAU DE CHAUFFAGE ELECTRIQUE, METHODE DE FABRICATION ASSOCIEE, STRUCTURE DE DISPOSITION ASSOCIEE ET METHODE DE DISPOSITION ASSOCIEE**
[72] ABE, KEISUKE, JP
[72] TATSUOKA, AKIRA, JP
[71] TAIYO CO., LTD., JP
[71] INTRON CO., LTD., JP
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[54] **EXTRACTEUR DE GAINAGE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
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[25] EN
[54] **VENTILATION UNIT AND CONTROLLER DEVICE**
[54] **MODULE DE VENTILATION ET APPAREIL CONTROLEUR**
[72] WEIDERT, JACOB R., US
[71] OTEX PROTECTIVE, INC., US
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR STORING AND SPREADING A MATERIAL**
[54] **SYSTEMES, DISPOSITIFS ET METHODES D'ENTREPOSAGE ET D'EPANDAGE DE MATERIAU**
[72] STRELCHECK, JEN, US
[72] SUMMERS, TRISTAN, US
[72] GRUNLUND, STEVEN, US
[72] COYNE, JON, US
[72] KOHN, NATHAN BENJAMIN, US
[71] THE TORO COMPANY, US
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[54] **SCALABLE ELECTRIC PROVISIONING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE MODULABLE**
[72] BLANCHET, PIERRE, CA
[72] FORTIN-BLANCHETTE, HANDY, CA
[71] BLANCHET, PIERRE, CA
[71] FORTIN-BLANCHETTE, HANDY, CA
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[54] **INFUSER**
[54] **APPAREIL A INFUSION**
[72] SMITH, DANNY S., CA
[72] HARTMAN, GREGORY A., CA
[71] SMITH, DANNY S., CA
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[54] **LIQUID LENS WITH A TUNABLE FOCUS, AND METHOD OF FABRICATION OF SAME**
[54] **LENTILLE LIQUIDE A MISE AU POINT AJUSTABLE ET METHODE DE FABRICATION ASSOCIEE**
[72] AMIRFAZIL, ALIDAD, CA
[72] CHEN, HUANCHEN, CA
[72] TABATABAIE, NIMA, CA
[71] AMIRFAZIL, ALIDAD, CA
[71] CHEN, HUANCHEN, CA
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[54] **PREPARATION OF BLOWN POLYMER MODIFIED ASPHALT**
[54] **PREPARATION D'ASPHALTE SOUFFLE MODIFIE PAR UN POLYMERE**
[72] TIBAH, DENIS MUKI, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[54] **COLLIER ANTI-PUCES POUR ANIMAUX DE COMPAGNIE**
[72] BRANDJES, JOHN W., US
[71] COASTAL PET PRODUCTS, INC., US
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[54] **CORD DISCONNECT APPARATUS AND METHODS**
[54] **APPAREILLAGE ET METHODE DE DEBRANCHEMENT DE CORDON**
[72] DYKAS, THOM, US
[72] ASCENCIO-HALL, DANNY, US
[72] BROWN, ANDREW T., US
[71] POWER PRODUCTS, LLC, US
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[25] EN
[54] **PROCESSING OF AGRICULTURAL PRODUCTS USING RADIOFREQUENCY**
[54] **TRAITEMENT DE PRODUITS AGRICOLES AU MOYEN DE FREQUENCES RADIO**
[72] REHKOPF, ANDRE, US
[71] ZIEL EQUIPMENT, SALES AND SERVICES, LLC, US
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[54] **PERSONAL SAFETY MONITORING**
[54] **SURVEILLANCE DE LA SECURITE PERSONNELLE**
[72] GINOCCHIO, MARK H., US
[71] GINOCCHIO, MARK H., US
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[54] **VEHICLE**
[54] **VEHICULE**
[72] FUJIYOSHI, TADASHI, JP
[72] KOSEKI, YUKIO, JP
[72] SHIINA, TAKAHIRO, JP
[72] KOMADA, HIDEAKI, JP
[72] KAWAMOTO, NOBUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING AN IMPROVED SUPPORT FOR 3D DISPLAYING AND CORRESPONDING SUPPORT PERFORMED**
[54] **PROCEDE ET SYSTEME POUR REALISER UN SUPPORT AMELIORE POUR AFFICHAGE 3D, ET SUPPORT CORRESPONDANT REALISE**
[72] DE MOLLI, DANIELE, IT
[71] REALVISION S.R.L., IT
[85] 2017-09-28
[86] 2016-04-01 (PCT/IB2016/051873)
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[54] **HEMMING HEAD**
[54] **TETE D'OURLAGE**
[72] MAESTRI, MAURO, IT
[72] SERPI, VALERIA, IT
[72] DI STEFANO, GIOVANNI, IT
[72] PETIT, SYLVAIN, FR
[72] CARQUEVILLE, OLIVIER, FR
[71] COMAU S.P.A., IT
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[25] FR
[54] **EQUIPMENT AND METHOD FOR SUPERVISING VALVES IN A HYDRAULIC CIRCUIT, ASSOCIATED HYDRAULIC CIRCUIT AND COMPUTER PROGRAM PRODUCT**
[54] **INSTALLATION ET PROCEDE DE SUPERVISION DE VANNES D'UN CIRCUIT HYDRAULIQUE, CIRCUIT HYDRAULIQUE ET PRODUIT PROGRAMME D'ORDINATEUR ASSOCIES**
[72] PINET, DOMINIQUE, FR
[72] MACE, JEAN REYNALD, FR
[72] PERISSE, JOCELYN, FR
[72] DECHANET, THIERRY, FR
[71] AREVA NP, FR
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[54] **PREPARATION PHYTOTHERAPEUTIQUE ET SON APPLICATION**
[72] TOMULEWICZ, MIKOLAJ, PL
[71] WYZSZA SZKOLA MEDYCZNA W BIALYMSTOKU, PL
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[54] **FACTOR IX FUSION PROTEINS AND METHODS OF MAKING AND USING SAME**
[54] **PROTEINES DE FUSION DU FACTEUR XI ET LEURS METHODES DE PRODUCTION ET D'UTILISATION**
[72] LIU, ZHIQIAN, US
[72] VAN DER FLIER, ARJAN, US
[72] LIGHT, DAVID R., US
[72] CHHABRA, EKTA SETH, US
[72] LIU, TONGYAO, US
[72] PETERS, ROBERT T., US
[72] KULMAN, JOHN, US
[72] ISMAIL, AYMAN, US
[71] BIOVERATIV THERAPEUTICS INC., US
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[54] **BIOACTIVE CONJUGATES FOR OLIGONUCLEOTIDE DELIVERY**
[54] **CONJUGUES BIOACTIFS POUR L'ADMINISTRATION D'OLIGONUCLEOTIDES**
[72] KHVOROVA, ANASTASIA, US
[72] NIKAN, MEHRAN, US
[72] HASSLER, MATTHEW, US
[72] OSBORN, MAIRE, US
[72] HARASZTI, REKA, US
[72] COLES, ANDREW, US
[72] TURANOV, ANTON, US
[72] ARONIN, NEIL, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **METHODS FOR MEASURING BINDING AND CELLULAR ENGAGEMENT OF LIGANDS WITH TARGET PROTEINS**
[54] **PROCEDES DE MESURE DE LA LIAISON ET DE LA PRISE CELLULAIRE DE LIGANDS AVEC DES PROTEINES CIBLES**
[72] TREIBER, DANIEL K., US
[72] MENICHELLI, ELENA, US
[71] DISCOVERX CORPORATION, US
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[54] **BIFIDOBACTERIUM LONGUM**
[72] GARCIA-GARCIA, JOSE CARLOS, US
[72] JANUSZ, MICHAEL JOHN, US
[72] KIELY, BARRY, IE
[72] MURPHY, EILEEN FRANCES, IE
[72] O'MAHONY, LIAM, IE
[71] ALIMENTARY HEALTH LTD., IE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ANTIBODY THAT BINDS TO HUMAN PROGRAMMED DEATH LIGAND 2 (PD-L2) AND USES THEREOF**
[54] **ANTICORPS QUI SE LIE A LA FORME HUMAINE DU LIGAND-2 DE LA PROTEINE 1 DE MORT CELLULAIRE PROGRAMMEE (PD-L2), ET UTILISATION DE CE DERNIER**
[72] YEARLEY, JENNIFER H., US
[72] LIANG, LINDA, US
[72] BIGLER, MICHAEL ERIC, US
[72] GIBSON, CHRISTOPHER JOHN, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **SYNTHETIC SPHINGOLIPID-LIKE MOLECULES, DRUGS, METHODS OF THEIR SYNTHESIS AND METHODS OF TREATMENT**
[54] **MOLECULES DE TYPE SPHINGOLIPIDE SYNTHETIQUES, MEDICAMENTS, PROCEDES POUR LEUR SYNTHESE ET PROCEDES DE TRAITEMENT**
[72] EDINGER, AIMEE, US
[72] HANESSIAN, STEPHEN, CA
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE UNIVERSITE DE MONTREAL, CA
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[54] **PATIENT-SPECIFIC INSTRUMENTATION FOR PATELLAR RESURFACING SURGERY AND METHOD**
[54] **INSTRUMENTS SPECIFIQUES A UN PATIENT POUR LA CHIRURGIE DE RESURFACAGE PATELLAIRE ET PROCEDE**
[72] COUTURE, PIERRE, CA
[71] ZIMMER, INC., US
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[54] **CONVEY LINE CARRIER FOR MICROWAVE HEATING**
[54] **PORTEUR DE LIGNE D'ACHEMINEMENT POUR CHAUFFAGE A MICRO-ONDES**
[72] KIMREY, HAROLD DAIL, JR., US
[72] BALES, CALEB SAMUEL, US
[72] RAIDER, MATTHEW, US
[72] BEHRINGER, DAVID, US
[71] 915 LABS, LLC, US
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[54] **ARRANGEMENT OF ARTICLES IN A CARRIER FOR MICROWAVE HEATING**
[54] **AGENCEMENT D'ARTICLES SUR UN SUPPORT POUR UN CHAUFFAGE PAR MICRO-ONDES**
[72] KIMREY, HAROLD DAIL, JR., US
[72] RAIDER, MATTHEW, US
[72] MOHR, LEA, US
[72] HIRSCHEY, JOHN, US
[72] REEVE, MICHELE, US
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[54] **COMPOSITIONS AND METHODS TO REDUCE GLOBAL WARMING CAUSED BY GASOLINE AND SPARK IGNITED INTERNAL COMBUSTION ENGINES**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LE RECHAUFFEMENT DE LA PLANETE PROVOQUE PAR DES MOTEURS A COMBUSTION INTERNE A ALLUMAGE PAR ETINCELLE ET A ESSENCE**
[72] TALBERT, WILLIAM L., US
[71] TALBERT, WILLIAM L., US
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[54] **CELLS AND METHOD OF CELL CULTURE**
[54] **CELLULES ET PROCEDE DE CULTURE CELLULAIRE**
[72] HILLER, GREGORY WALTER, US
[72] MITCHELL, JEFFREY JOSEPH, US
[72] MULUKUTLA, BHANU CHANDRA, US
[72] PEGMAN, PAMELA MARY, US
[71] PFIZER INC., US
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[54] **METHOD AND SYSTEM FOR MANAGING AUTHENTICATION SERVICES CUSTOMER DATA**
[54] **PROCEDE ET SYSTEME DE GESTION DE DONNEES DE CLIENT DE SERVICES D'AUTHENTIFICATION**
[72] BAKER, PAUL STEPHEN, GB
[72] EDERLE, ROBERT ALBERT, US
[72] ARTMAN, JOHN, US
[72] DICKINSON, STEPHANIE, US
[72] GILBERT, CRAIG, US
[72] GIESELMAN, KAREN JEANNE, US
[72] PIEL, BRIAN JOHN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **AUDIO DECODER AND DECODING METHOD**
[54] **DECODEUR AUDIO ET PROCEDE DE DECODAGE**
[72] BREEBAART, DIRK JEROEN, AU
[72] COOPER, DAVID MATTHEW, AU
[72] SAMUELSSON, LEIF JONAS, SE
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[71] DOLBY INTERNATIONAL AB, NL
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[54] **WOUND DRESSING WITH ELASTIC PROPERTIES FOR CONTOURING TO THE SHAPE OF A LIMB**
[54] **PANSEMENT DE BLESSURE A PROPRIETES ELASTIQUES DESTINE A EPOUSER LA FORME D'UN MEMBRE**
[72] BARBERIO, ALESSANDRO, CA
[71] BARBERIO, ALESSANDRO, CA
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[54] **PROJECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PROJECTION**
[72] DAMBERG, GERWIN, CA
[72] KOZAK, ERIC JAN, CA
[72] KUMARAN, RAVEEN, CA
[72] BALLESTAD, ANDERS, CA
[71] MTT INNOVATION INCORPORATED, CA
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[54] **DEVICES AND METHODS FOR IMAGING WELLS USING PHASED ARRAY ULTRASOUND**
[54] **DISPOSITIFS ET PROCEDES D'IMAGERIE DE PUITS UTILISANT LES ULTRASONS MULTIELEMENTS**
[72] MALIK, OSMAN S., CA
[72] MANDERS, GRAHAM T., CA
[72] ROBINSON, STEPHEN E., CA
[71] DARKVISION TECHNOLOGIES INC., CA
[85] 2018-03-21
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[54] **PSEUDO INTERNAL STANDARD METHOD, DEVICE AND APPLICATION FOR MASS SPECTROMETRY QUANTITATIVE ANALYSIS**
[54] **METHODE STANDARD PSEUDO INTERNE, DISPOSITIF ET APPLICATION D'ANALYSE QUANTITATIVE DE SPECTROMETRIE DE MASSE**
[72] ZHU, JANSHON, CN
[71] GUANGDONG LIANJIE BIOTECHNOLOGY CO., LTD., CN
[85] 2018-03-21
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[54] **PRODRUGS OF GAMMA-HYDROXYBUTYRIC ACID, COMPOSITIONS AND USES THEREOF**
[54] **PROMEDICAMENTS DE L'ACIDE GAMMA-HYDROXYBUTYRIQUE, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**
[72] XIANG, JIA-NING, CN
[72] XU, XUESONG, CN
[72] ZHANG, XUAN, CN
[71] XW LABORATORIES INC., KY
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[54] **COMPOUNDS EFFECTIVE IN TREATING HEPATOTOXICITY AND FATTY LIVER DISEASES AND USES THEREOF**
[54] **COMPOSES EFFICACES POUR TRAITER L'HEPATOTOXICITE ET DES STEATOSES HEPATIQUES, ET UTILISATIONS DE CEUX-CI**
[72] HU, OLIVER YOA-PU, CN
[72] SHIH, TUNG-YUAN, CN
[72] HSIONG, CHENG-HUEI, CN
[72] HO, HSIN-TIEN, CN
[71] SINEW PHARMA INC., CN
[85] 2018-03-21
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[30] US (62/222,959) 2015-09-24
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[54] **ENSEMBLE A MOUVEMENT LINEAIRE**
[72] BURGESS, JAMES K., GB
[71] SAINT-GOBAIN PERFORMANCE PLASTICS RENCOL LIMITED, GB
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[54] **NON-INTRUSIVE DIGITAL AGENT FOR BEHAVIORAL MONITORING OF CYBERSECURITY-RELATED EVENTS IN AN INDUSTRIAL CONTROL SYSTEM**
[54] **AGENT NUMERIQUE NON INTRUSIF DE SURVEILLANCE COMPORTEMENTALE D'EVENEMENTS ASSOCIES A LA CYBERSECURITE DANS UN SYSTEME DE COMMANDE INDUSTRIEL**
[72] HOUMB, SIV HILDE, US
[71] SECURE-NOK AS, NO
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[54] **2-OXO-1,2-DIHYDROPYRIDINE-3,5-DICARBOXAMIDE COMPOUNDS AS BROMODOMAIN INHIBITORS**
[54] **COMPOSES 2-OXO-1,2-DIHYDROPYRIDINE-3,5-DICARBOXAMIDE UTILISES EN TANT QU'INHIBITEURS DE BROMODOMAINES**
[72] ATKINSON, STEPHEN JOHN, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] HAYHOW, THOMAS GEORGE CHRISTOPHER, GB
[72] LINDON, MATTHEW J., GB
[72] PRESTON, ALEXANDER G., GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J., GB
[72] WOOLVEN, JAMES MICHAEL, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] **INJECTION APPARATUS**
[54] **DISPOSITIF D'INJECTION**
[72] KEITEL, JOACHIM, DE
[71] HASELMEIER AG, CH
[85] 2018-03-21
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[25] EN
[54] **METHODS FOR IMPROVING THE GASTROINTESTINAL TOLERANCE OF FOOD AND BEVERAGE PRODUCTS COMPRISING SWEET, LOW-DIGESTIBLE CARBOHYDRATES**
[54] **PROCEDES D'AMELIORATION DE LA TOLERANCE GASTRO-INTESTINALE DE PRODUITS ALIMENTAIRES ET DE BOISSONS COMPRENANT DES CARBOHYDRATES SUCRES FAIBLEMENT DIGESTIBLES**
[72] WILLIAMSON, PATRICIA S., US
[72] WOODYER, RYAN D., US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2018-03-21
[86] 2016-09-21 (PCT/GB2016/052932)
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[54] **TWIN BOTTLE MANIFOLD**
[54] **DISTRIBUTEUR A DEUX BOUTEILLES**
[72] NORTON, DAVID, GB
[72] ARCHARD, IAN, GB
[71] MEDIMARK SCIENTIFIC LIMITED, GB
[85] 2018-03-21
[86] 2016-09-21 (PCT/GB2016/052945)
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[30] GB (1516795.0) 2015-09-22

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[25] EN
[54] **HYDROPHOBIC GEL BASED ON VITAMIN E FREE FROM SILICONE PRODUCTS FOR TOPICAL APPLICATION**
[54] **GEL HYDROPHOBE A BASE DE VITAMINE E EXEMPT DE PRODUITS DE SILICONE POUR UNE APPLICATION TOPIQUE**
[72] PANIN, GIORGIO, IT
[71] BIO.LO.GA. S.R.L., IT
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[54] **UPGRADED EBULLATED BED REACTOR USED WITH OPPORTUNITY FEEDSTOCKS**
[54] **REACTEUR A LIT BOUILLONNANT AMELIORE UTILISE AVEC DES CHARGES D'ALIMENTATION D'OPPORTUNITE**
[72] MOUNTAINLAND, DAVID M., US
[72] SILVERMAN, BRETT M., US
[72] RUETER, MICHAEL A., US
[72] SMITH, LEE, US
[71] HYDROCARBON TECHNOLOGY & INNOVATION, LLC, US
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[25] EN
[54] **SYSTEM AND METHODS FOR BREAKING FRICTION REDUCERS IN-SITU**
[54] **SYSTEME ET PROCEDES DE RUPTURE DE REDUCTEURS DE FRICTION IN SITU**
[72] CHUNG, HSINCHEN, US
[72] CHOPADE, PRASHANT DINKAR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **FIBER OPTIC DISTRIBUTED ACOUSTIC SENSOR OMNIDIRECTIONAL ANTENNA FOR USE IN DOWNHOLE AND MARINE APPLICATIONS**
[54] **ANTENNE EQUIDIRECTIVE DE CAPTEUR ACOUSTIQUE A REPARTITION A FIBRE OPTIQUE, DESTINEE A ETRE UTILISEE EN FOND DE TROU ET APPLICATIONS MARINES**
[72] STOKELY, CHRISTOPHER LEE, US
[72] CHOE, JESSE, US
[72] BARFOOT, DAVID ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-21
[86] 2015-11-18 (PCT/US2015/061330)
[87] (WO2017/086952)

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[51] **Int.Cl. A61K 31/27 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **METHOD OF TREATING CONDITIONS RELATED TO THE PGI2 RECEPTOR**
[54] **PROCEDE DE TRAITEMENT DE TROUBLES LIES AU RECEPTEUR PGI2**
[72] GLICKLICH, ALAN, US
[71] ARENA PHARMACEUTICALS, INC., US
[85] 2018-03-21
[86] 2015-10-22 (PCT/US2015/056824)
[87] (WO2016/065103)
[30] US (62/067,916) 2014-10-23

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[51] **Int.Cl. B25B 23/06 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **FASTENER CARTRIDGE**
[54] **CARTOUCHE DE DISPOSITIFS DE FIXATION**
[72] TONKINSON, MYLES, US
[72] CHADWELL, LAWRENCE JENE, US
[72] HALE, RACHEL, US
[72] LAMOTHE, BRIAN, US
[72] GARCIA, SADDY, US
[72] LICHT, JAMES, US
[72] SUAREZ, KERWIN, US
[72] LUBY, RYAN, US
[72] USSIN, NICOLAI, US
[71] ZIMMER BIOMET CMF AND THORACIC, LLC, US
[85] 2018-03-21
[86] 2016-09-23 (PCT/US2016/053336)
[87] (WO2017/053723)
[30] US (62/233,193) 2015-09-25

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[51] **Int.Cl. F16L 21/04 (2006.01) F16L 19/06 (2006.01) F16L 19/065 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **LOCKING PIPE JOINT ASSEMBLY, DEVICE AND METHOD**
[54] **ENSEMBLE , DISPOSITIF ET PROCEDE DE RACCORD DE TUYAU VERROUILLABLE**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO OCHOA, US
[72] BOUCHARD, HERBERT J., US
[71] QUICK FITTING, INC., US
[85] 2018-03-21
[86] 2016-09-15 (PCT/US2016/051879)
[87] (WO2017/053166)
[30] US (62/221,941) 2015-09-22
[30] US (15/001,986) 2016-01-20

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[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING LOCATION SERVICES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES SERVICES DE LOCALISATION**
[72] CLARKE, THOMAS C., US
[72] DOUGLAS, LAWRENCE, US
[72] NALLY, DEBORAH, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-03-21
[86] 2016-09-23 (PCT/US2016/053405)
[87] (WO2017/053774)
[30] US (62/232,347) 2015-09-24

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[51] **Int.Cl. G05D 23/13 (2006.01) B64D 13/08 (2006.01) F25B 9/04 (2006.01) G01N 30/30 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROL DEVICE AND PROCESS CONTROL APPARATUS INCLUDING A TEMPERATURE CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION DE TEMPERATURE ET APPAREIL DE COMMANDE DE PROCESSUS COMPRENANT UN DISPOSITIF DE REGULATION DE TEMPERATURE**
[72] JACKSON, TRENTON F., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-03-21
[86] 2016-09-23 (PCT/US2016/053426)
[87] (WO2017/053786)
[30] US (14/865,402) 2015-09-25

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[51] **Int.Cl. H04W 4/90 (2018.01)**
[25] EN
[54] **RECEIVING PUBLIC WARNING SYSTEM DATA**
[54] **RECEPTION DE DONNEES D'UN SYSTEME D'ALERTE PUBLIQUE**
[72] BUCKLEY, MICHAEL EOIN, US
[72] BUCKLEY, ADRIAN, US
[72] CHEN, SHU-LIN, CA
[71] BLACKBERRY LIMITED, CA
[85] 2018-03-21
[86] 2016-09-22 (PCT/US2016/053079)
[87] (WO2017/053548)
[30] US (14/862,143) 2015-09-22

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[51] **Int.Cl. H01B 12/02 (2006.01) B65H 59/34 (2006.01) B65H 59/38 (2006.01) B65H 59/40 (2006.01) D07B 3/10 (2006.01)**
[25] EN
[54] **LINEAR MEDIA HANDLING SYSTEM AND DEVICES PRODUCED USING THE SAME**
[54] **SYSTEME DE MANIPULATION DE SUPPORTS LINEAIRES ET DISPOSITIFS PRODUITS A L'AIDE DE CELUI-CI**
[72] KNIERIM, GLENN AULD, US
[72] SPIEKER, MARK, US
[71] KNIERIM, GLENN AULD, US
[71] SPIEKER, MARK, US
[85] 2018-03-21
[86] 2016-09-22 (PCT/US2016/053174)
[87] (WO2017/053611)
[30] US (62/221,910) 2015-09-22
[30] US (62/242,393) 2015-10-16
[30] US (62/243,966) 2015-10-20

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[51] **Int.Cl. H01F 17/00 (2006.01) H01F 41/04 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE INDUCTORS**
[54] **INDUCTEURS A HAUTES PERFORMANCES**
[72] KIM, DAEIK DANIEL, US
[72] VELEZ, MARIO FRANCISCO, US
[72] YUN, CHANGHAN HOBIE, US
[72] MUDAKATTE, NIRANJAN SUNIL, US
[72] KIM, JONGHAE, US
[72] ZUO, CHENGJIE, US
[72] BERDY, DAVID FRANCIS, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-21
[86] 2016-09-25 (PCT/US2016/053620)
[87] (WO2017/065960)
[30] US (62/242,720) 2015-10-16
[30] US (15/191,203) 2016-06-23

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04N 21/234 (2011.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND ARTICLES TO FACILITATE INTEROPERABILITY BETWEEN ADVERTISING INVENTORY CHANNELS**
[54] **SYSTEMES, PROCEDES ET ARTICLES PERMETTANT DE FACILITER L'INTEROPERABILITE ENTRE DES CANAUX D'INVENTAIRE DE PUBLICITES**
[72] BOX, TYLER WALLACE, US
[72] BRIDGES, DAVID, US
[72] BURDICK, BRIAN M., US
[72] COCO, GEOFFREY P., US
[72] FERREIRA, IAN P., US
[72] JAFFE, PAUL, US
[72] SHIELS, ALFRED LAWRENCE, US
[72] THOMAN, BRIAN, US
[72] TRIGONY, SEAN, US
[71] WIDEORBIT INC., US
[85] 2018-03-21
[86] 2016-09-28 (PCT/US2016/054176)
[87] (WO2017/058912)
[30] US (62/236,350) 2015-10-02
[30] US (62/250,170) 2015-11-03
[30] US (62/250,165) 2015-11-03

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND ARTICLES TO FACILITATE BUYING AND SELLING OF ADVERTISING INVENTORY**
[54] **SYSTEMES, PROCEDES ET ARTICLES PERMETTANT DE FACILITER L'ACHAT ET LA VENTE D'INVENTAIRE DE PUBLICITE**
[72] BOX, TYLER WALLACE, US
[72] BRIDGES, DAVID, US
[72] BURDICK, BRIAN M., US
[72] COCO, GEOFFREY P., US
[72] FERREIRA, IAN P., US
[72] JAFFE, PAUL, US
[72] SHIELS, ALFRED LAWRENCE, US
[72] THOMAN, BRIAN, US
[72] TRIGONY, SEAN, US
[71] WIDEORBIT INC., US
[85] 2018-03-21
[86] 2016-09-28 (PCT/US2016/054183)
[87] (WO2017/058917)
[30] US (62/236,350) 2015-10-02
[30] US (62/250,170) 2015-11-03
[30] US (62/250,165) 2015-11-03

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[51] **Int.Cl. A47C 17/16 (2006.01) A47C 13/00 (2006.01) A47C 17/00 (2006.01) A47C 17/04 (2006.01) A47C 17/12 (2006.01) A47C 17/13 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE, MULTI-UTILITY, AND REORGANIZABLE RECLINER CHAIR BED**
[54] **FAUTEUIL LIT INCLINABLE A VOCATIONS MULTIPLES, A USAGES MULTIPLES, ET EN MESURE D'ETRE RESTRUCTURE**
[72] KHANDRIKA, KRISHNA MOHAN NAGA VENKATA, US
[71] KHANDRIKA, KRISHNA MOHAN NAGA VENKATA, US
[85] 2018-03-21
[86] 2016-09-17 (PCT/US2016/052367)
[87] (WO2017/053212)
[30] US (62/232,655) 2015-09-25
[30] US (15/261,949) 2016-09-11

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **DISTAL ANCHOR APPARATUS AND METHODS FOR MITRAL VALVE REPAIR**
[54] **APPAREIL ET PROCEDES D'ANCRAGE DISTAL POUR REPARATION DE VALVULE MITRALE**
[72] WILSON, PETER, US
[72] EPSTEIN, STEPHEN, US
[72] COURNANE, STEPHEN, US
[71] HARPOON MEDICAL, INC., US
[85] 2018-03-21
[86] 2016-10-03 (PCT/US2016/055170)
[87] (WO2017/059426)
[30] US (62/236,225) 2015-10-02
[30] US (62/249,694) 2015-11-02
[30] US (62/315,879) 2016-03-31

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[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **LOCATION BASED PUSH NOTIFICATION AND MULTI-USER CLASS SOCIAL INTRODUCTION**
[54] **NOTIFICATION POUSSEE BASEE SUR LA LOCALISATION ET INTRODUCTION SOCIALE DE CLASSE MULTI-UTILISATEUR**
[72] JOHNS, TROY, US
[72] COREY, STEVEN, US
[71] DEVELOPING SOFTWARE LLC, US
[85] 2018-03-21
[86] 2016-09-28 (PCT/US2016/054167)
[87] (WO2017/058905)
[30] US (62/233,953) 2015-09-28
[30] US (15/277,818) 2016-09-27

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND ARTICLES TO FACILITATE SELLING OF ADVERTISING INVENTORY**
[54] **SYSTEMES, PROCEDES ET ARTICLES PERMETTANT DE FACILITER LA VENTE D'INVENTAIRE DE PUBLICITE**
[72] BOX, TYLER WALLACE, US
[72] BRIDGES, DAVID, US
[72] BURDICK, BRIAN M., US
[72] COCO, GEOFFREY P., US
[72] FERREIRA, IAN P., US
[72] JAFFE, PAUL, US
[72] SHIELS, ALFRED LAWRENCE, US
[72] THOMAN, BRIAN, US
[72] TRIGONY, SEAN, US
[72] MEYER, ALEXANDER, US
[71] WIDEORBIT INC., US
[85] 2018-03-21
[86] 2016-09-28 (PCT/US2016/054169)
[87] (WO2017/058907)
[30] US (62/236,350) 2015-10-02
[30] US (62/250,170) 2015-11-03
[30] US (62/250,165) 2015-11-03

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[51] **Int.Cl. C09D 7/42 (2018.01) C09D 7/40 (2018.01) C09D 7/80 (2018.01) B44D 3/00 (2006.01) B44D 3/06 (2006.01)**
[25] EN
[54] **REDUCED POINT OF SALE BASES FOR MULTI-FINISH PAINT LINE AND METHODS FOR SAME**
[54] **BASES REDUITES DE POINT DE VENTE POUR LIGNE DE PEINTURE A FINITIONS MULTIPLES ET PROCEDES ASSOCIES**
[72] SHEERIN, ROBERT J., US
[72] TILARA, NAVIN, US
[72] BOCHNIK, MICHAEL, US
[72] IANNACONE, STEFANIE, US
[72] MASCETTI, SAMANTHA MARIE, US
[71] BENJAMIN MOORE & CO., US
[85] 2018-03-21
[86] 2016-09-16 (PCT/US2016/052109)
[87] (WO2017/053190)
[30] US (14/865,704) 2015-09-25

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[51] **Int.Cl. C12P 19/02 (2006.01) C12N 9/34 (2006.01) C12P 19/20 (2006.01)**
[25] EN
[54] **GLUCOAMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE GLUCOAMYLASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] NELSON, BETH, US
[72] SVENDSEN, ALLAN, DK
[72] SRIVASTAVA, VIVEK, IN
[72] MALTEN, MARCO, DK
[72] POULSEN, THOMAS A., DK
[72] RAMAIYA, PREETHI, IN
[72] GUPTA, SHIKHA, IN
[72] RAO, VASUDEVA P., IN
[72] BALUMURI, PADMAVATHI, IN
[71] NOVOZYMES A/S, DK
[85] 2018-03-21
[86] 2016-10-12 (PCT/US2016/056549)
[87] (WO2017/066255)
[30] IN (5489/CHE/2015) 2015-10-14
[30] IN (5490/CHE/2015) 2015-10-14

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[13] A1
[51] **Int.Cl. B65D 41/06 (2006.01) A61J 9/08 (2006.01) A61J 11/04 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **CONTENANT**
[72] ROHRIG, PETER, AT
[71] MAM BABYARTIKEL GESELLSCHAFT M.B.H., AT
[85] 2018-03-22
[86] 2016-09-23 (PCT/AT2016/060071)
[87] (WO2017/049331)
[30] AT (A 50812/2015) 2015-09-23

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **MICROPROJECTION ARRAYS WITH ENHANCED SKIN PENETRATING PROPERTIES AND METHODS THEREOF**
[54] **RESEAU DE MICROSAILLIES AYANT DES PROPRIETES DE PENETRATION DE LA PEAU AMELIOREES ET PROCEDES ASSOCIES**
[72] MELIGA, STEFANO, AU
[72] KENDALL, MARK ANTHONY FERNANCE, AU
[72] GODDARD, ROBERT WILL, AU
[71] VAXXAS PTY LIMITED, AU
[85] 2018-03-22
[86] 2016-09-28 (PCT/AU2016/050907)
[87] (WO2017/054040)
[30] US (62/233,607) 2015-09-28

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[13] A1
[51] **Int.Cl. A63B 21/018 (2006.01) A62B 23/04 (2006.01)**
[25] EN
[54] **A DUAL HAND CONTROLLED DEVICE FOR LEG STRETCHING AND/OR ACTIVATION**
[54] **DISPOSITIF COMMANDE A DEUX MAINS ET PERMETTANT L'ETIREMENT ET/OU L'ACTIVATION DES JAMBES**
[72] ANDREWS, STUART, AU
[71] ANDREWS, STUART, AU
[85] 2018-03-22
[86] 2016-10-18 (PCT/AU2016/050979)
[87] (WO2017/066828)
[30] AU (2015904274) 2015-10-19

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[51] **Int.Cl. A22C 29/02 (2006.01)**
[25] EN
[54] **A SENSOR-GUIDED AUTOMATED METHOD AND SYSTEM FOR PROCESSING CRUSTACEANS**
[54] **PROCEDE ET SYSTEME AUTOMATISES A GUIDAGE PAR CAPTEURS POUR LE TRAITEMENT DE CRUSTACES**
[72] KING, STEPHEN, CA
[72] HEARN, PAUL, CA
[71] CANADIAN CENTRE FOR FISHERIES INNOVATION (CCFI), CA
[85] 2018-03-22
[86] 2016-09-20 (PCT/CA2016/000238)
[87] (WO2017/049384)
[30] CA (2,904,958) 2015-09-24

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[13] A1
[51] **Int.Cl. H04W 52/10 (2009.01)**
[25] EN
[54] **POWER CONTROL METHOD AND APPARATUS FOR UPLINK CONTROL CHANNEL**
[54] **PROCEDE ET APPAREIL DE REGULATION DE PUISSANCE POUR CANAL DE COMMANDE DE LIAISON MONTANTE**
[72] YAN, ZHIYU, CN
[72] LYU, YONGXIA, CN
[72] GUAN, LEI, CN
[72] MA, SHA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-03-22
[86] 2015-11-06 (PCT/CN2015/094029)
[87] (WO2017/049744)
[30] CN (PCT/CN2015/090750) 2015-09-25

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[13] A1
[51] **Int.Cl. G21C 21/10 (2006.01)**
[25] EN
[54] **SPHERICAL FUEL ELEMENT FORMING APPARATUS**
[54] **APPAREIL DE FORMATION D'ELEMENT COMBUSTIBLE SPHERIQUE**
[72] LIU, BING, CN
[72] ZHANG, JIE, CN
[72] LU, ZHENMING, CN
[72] ZHOU, XIANGWEN, CN
[72] TANG, YAPING, CN
[72] TANG, CHUNHE, CN
[72] ZHANG, ZUOYI, CN
[71] TSINGHUA UNIVERSITY, CN
[85] 2018-03-22
[86] 2016-01-21 (PCT/CN2016/071573)
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[13] A1
[51] **Int.Cl. C07D 235/08 (2006.01) A61K 9/00 (2006.01) A61K 31/00 (2006.01) C07D 257/04 (2006.01)**
[25] EN
[54] **COMPLEX OF ANGIOTENSIN RECEPTOR ANTAGONIST AND NEUTRAL ENDOPEPTIDASE INHIBITOR**
[54] **COMPLEXE D'ANTAGONISTE DU RECEPTEUR DE L'ANGIOTENSINE ET D'INHIBITEUR DE L'ENDOPEPTIDASE NEUTRE**
[72] WANG, YING, CN
[72] HUANG, LONG, CN
[72] XIANG, YONGZHE, CN
[72] CEN, GUODONG, CN
[72] LI, JIANGUO, CN
[72] JIA, JIANJING, CN
[72] LIU, QIANGQIANG, CN
[72] LIU, YANG, CN
[72] YANG, HAITAO, CN
[72] DONG, QING, CN
[71] CHENGDU EASTON BIOPHARMACEUTICALS CO., LTD, CN
[85] 2018-03-22
[86] 2016-09-01 (PCT/CN2016/097751)
[87] (WO2017/080290)
[30] CN (201510758232.8) 2015-11-09

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[51] **Int.Cl. B65D 30/22 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PACKAGING FOODS WITH DISPARATE WATER ACTIVITY VALUES**
[54] **SYSTEMES ET PROCEDES POUR EMBALLER DES ALIMENTS AYANT DES VALEURS D'ACTIVITE D'EAU DISPARATES**
[72] MALLIGAN, SHAUN, US
[72] MALLIGAN, NATALIE, US
[72] STEARNS, JAMIE GENE, US
[72] TOFT-STEARNS, ARIANNA, US
[71] KOOEE! SUPER SNACKS, INC., US
[71] MALLIGAN, SHAUN, US
[71] MALLIGAN, NATALIE, US
[71] STEARNS, JAMIE GENE, US
[71] TOFT-STEARNS, ARIANNA, US
[85] 2018-03-19
[86] 2015-09-18 (PCT/US2015/051102)
[87] (WO2016/044816)
[30] US (62/052,222) 2014-09-18

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[51] **Int.Cl. E04B 1/62 (2006.01) E04B 1/76 (2006.01) E04C 2/32 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **INSULATING AND STORM-RESISTANT PANELS**
[54] **PANNEAUX ISOLANTS ET RESISTANTS AUX INTEMPERIES**
[72] CHERNEY, JERRY, US
[71] STORM STRONG LLC, US
[85] 2018-03-21
[86] 2016-09-22 (PCT/US2016/053184)
[87] (WO2017/053618)
[30] US (62/221,979) 2015-09-22

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[13] A1
[51] **Int.Cl. A61B 3/13 (2006.01)**
[25] EN
[54] **OPHTHALMIC SURGERY USING LIGHT-FIELD MICROSCOPY**
[54] **CHIRURGIE OPHTALMIQUE A L'AIDE DE MICROSCOPIE EN CHAMP LUMINEUX**
[72] ABT, NIELS A., CH
[71] NOVARTIS AG, CH
[85] 2018-03-22
[86] 2015-10-16 (PCT/EP2015/074034)
[87] (WO2017/063715)

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[51] **Int.Cl. A61B 90/00 (2016.01) A61B 34/35 (2016.01) B25J 19/04 (2006.01) H04N 5/225 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **ELECTRONIC VISION SYSTEM AND USE THEREOF**
[54] **SYSTEME DE VISION ELECTRONIQUE ET SON UTILISATION**
[72] BEAUMONT, CLEMENT, CA
[71] DECTRONIQUE (1984) INC., CA
[85] 2018-03-22
[86] 2016-09-22 (PCT/CA2016/051104)
[87] (WO2017/049395)
[30] US (62/222,240) 2015-09-23

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[51] **Int.Cl. B60H 1/00 (2006.01) F16B 2/20 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **HOUSING CONNECTING DEVICE FOR CONNECTING HOUSING SECTIONS OR HOUSING MODULES OF VENTILATION OR AIR-CONDITIONING SYSTEMS**
[54] **DISPOSITIF DE LIAISON DE BOITIER POUR RELIER DES SECTIONS DE BOITIER OU DES MODULES DE BOITIER DE SYSTEMES DE VENTILATION OU DE CLIMATISATION**
[72] BERGMAN, JOHNNY, SE
[72] SORVOJA, RAINE, SE
[72] OYSTEIN, AMDAL, NO
[72] SALO, DANIEL, NO
[72] YILMAZ, ORKUN, TR
[72] BERGER, RALPH, DE
[72] SONNEK, RAFAEL, DE
[72] STONCIUS, TOMAS, LT
[72] BANG, ULF, DK
[72] BIJMANS, ANDY, NL
[72] KIEVITS, PETER, NL
[72] SONDERGAARD HANSEN, THOMAS, DK
[71] SYSTEMAIR AB, SE
[85] 2018-03-22
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[87] (WO2017/050405)
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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **MICROBIALLY INFLUENCED STEAM ASSISTED GRAVITY DRAINAGE (MISAGD)**
[54] **DRAINAGE PAR GRAVITE ASSISTE A LA VAPEUR D'ORIGINE MICROBIENNE (MISAGD)**
[72] HUBERT, CASEY, CA
[72] FUSTIC, MILOVAN, CA
[71] 9668241 CANADA INC., CA
[85] 2018-03-22
[86] 2016-09-22 (PCT/CA2016/051114)
[87] (WO2017/049404)
[30] US (62/221,936) 2015-09-22

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[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CONTENEUR SUR PALETTE**
[72] WEYRAUCH, DETLEV, DE
[72] WAHMES, LUKAS, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2018-03-22
[86] 2016-09-09 (PCT/EP2016/001523)
[87] (WO2017/050420)
[30] DE (10 2015 012 163.4) 2015-09-23

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[51] **Int.Cl. G05D 1/02 (2006.01) G01S 17/02 (2006.01) G01V 3/08 (2006.01) G01V 8/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PEOPLE INTERACTION AND A GUIDED CART THEREFOR**
[54] **PROCEDE ET SYSTEME D'INTERACTION DE PERSONNES ET CHARIOT GUIDE ASSOCIE**
[72] LEFEBVRE, GUY, CA
[71] CELEBRAMOTION INC., CA
[85] 2018-03-22
[86] 2016-09-29 (PCT/CA2016/051133)
[87] (WO2017/054078)
[30] US (62/236,352) 2015-10-02

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[13] A1
[51] **Int.Cl. C22B 1/06 (2006.01) C22B 59/00 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCING URANIUM OR A RARE EARTH ELEMENT**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DE L'URANIUM OU UN ELEMENT TERRE RARE**
[72] WROBEL, MACIEJ, DE
[72] GUNTNER, JOCHEN, DE
[72] CHARITOS, ALEXANDROS, DE
[72] HAMMERSCHMIDT, JORG, DE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-03-22
[86] 2016-06-30 (PCT/EP2016/065288)
[87] (WO2017/054944)
[30] DE (10 2015 116 476.0) 2015-09-29

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[51] **Int.Cl. A61F 2/64 (2006.01) A61F 2/50 (2006.01) F03G 5/00 (2006.01) H02K 7/116 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **STEADY RATIO FOUR-BAR LINKAGE FOR GENUFLECTIVE ENERGY HARVESTING**
[54] **LIAISON A QUATRE BARRES A RAPPORT STABLE POUR LA COLLECTE D'ENERGIE DE FLEXION DU GENOU**
[72] BILLINGS, JOHN SCOTT, CA
[71] BIONIC POWER INC., CA
[85] 2018-03-22
[86] 2016-10-07 (PCT/CA2016/051181)
[87] (WO2017/197480)
[30] US (14/882,855) 2015-10-14

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/705 (2006.01) C12N 15/64 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **A METHOD FOR HIGH LEVEL AND STABLE GENE TRANSFER IN LYMPHOCYTES**
[54] **PROCEDE DE TRANSFERT GENIQUE STABLE ET DE HAUT NIVEAU DANS DES LYMPHOCYTES**
[72] HUDECEK, MICHAEL, DE
[72] IVICS, ZOLTAN, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
[85] 2018-03-22
[86] 2016-09-22 (PCT/EP2016/072524)
[87] (WO2017/050884)
[30] EP (15002732.4) 2015-09-22
[30] EP (16153490.4) 2016-01-29

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[51] **Int.Cl. A23L 25/00 (2016.01) A23C 20/00 (2006.01)**
[25] EN
[54] **CREAM CHEESE-LIKE FOOD PRODUCT AND PRODUCTION METHOD**
[54] **PRODUIT ALIMENTAIRE DE TYPE FROMAGE FRAIS ET PROCEDE DE PRODUCTION**
[72] HERRMANN, DIRK, DE
[72] ROTHER, MATTHIAS, DE
[72] MAHLER, MARIE-LUISE, DE
[71] HOCHLAND SE, DE
[85] 2018-03-22
[86] 2016-08-09 (PCT/EP2016/068958)
[87] (WO2017/050480)
[30] DE (10 2015 116 249.0) 2015-09-25

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **LRP5 AS EPIGENETIC MARKER FOR THE IDENTIFICATION OF IMMUNE CELLS, IN PARTICULAR B-CELLS**
[54] **UTILISATION DE LRP5 EN TANT QUE MARQUEUR EPIGENETIQUE POUR L'IDENTIFICATION DE CELLULES IMMUNITAIRES, EN PARTICULIER LES LYMPHOCYTES B**
[72] OLEK, SVEN, DE
[71] EPIONTIS GMBH, DE
[85] 2018-03-22
[86] 2016-09-22 (PCT/EP2016/072579)
[87] (WO2017/050916)
[30] GB (1516972.5) 2015-09-25

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **PARK2 AS EPIGENETIC MARKER FOR THE IDENTIFICATION OF IMMUNE CELLS, IN PARTICULAR MONOCYTES**
[54] **UTILISATION DE PARK2 EN TANT QUE MARQUEUR EPIGENETIQUE POUR L'IDENTIFICATION DE CELLULES IMMUNITAIRES, EN PARTICULIER LES MONOCYTES**
[72] OLEK, SVEN, DE
[71] EPIONTIS GMBH, DE
[85] 2018-03-22
[86] 2016-09-22 (PCT/EP2016/072594)
[87] (WO2017/050925)
[30] GB (1516975.8) 2015-09-25

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[25] EN
[54] **RAILWAY POSITIONING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE POSITIONNEMENT FERROVIAIRE**
[72] REVOL, MARC, FR
[71] THALES, FR
[85] 2018-03-22
[86] 2016-09-02 (PCT/EP2016/070779)
[87] (WO2017/050543)
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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/397 (2006.01) A61K 31/4025 (2006.01) A61P 3/00 (2006.01) C07D 205/085 (2006.01)**
[25] FR
[54] **1,4-DI-(4-METHYLTHIOPHENYL)-3-PHTALOYLAZETIDINE-2-ONE AND THE DERIVATIVES THEREOF**
[54] **1,4-DI-(4-METHYLTHIOPHENYL)-3-PHTALOYLAZETIDINE-2-ONE ET SES DERIVES**
[72] ROBERT, JEAN-MICHEL, FR
[72] TROY-FIORAMONTI, STEPHANIE, FR
[72] DEMIZIEUX, LAURENT, FR
[72] DEGRACE, PASCAL, FR
[71] INSTITUT NATIONAL DE LA SANT ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE BOURGOGNE, FR
[71] UNIVERSITE DE NANTES, FR
[85] 2018-03-22
[86] 2016-09-23 (PCT/EP2016/072735)
[87] (WO2017/050990)
[30] FR (1559067) 2015-09-25

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[13] A1
[51] **Int.Cl. F16B 25/00 (2006.01) F16B 37/12 (2006.01)**
[25] EN
[54] **THREAD-FORMING SCREW WITH SEPARATE THREAD SPIRAL AND DIFFERENT PART FLANK ANGLES**
[54] **VIS AUTOTARAUDEUSE COMPORTANT UNE SPIRALE A FILET SEPAREE ET DES ANGLES DE FLANCS PARTIELS DIFFERENTS**
[72] HAKENHOLT, CHRISTOPH, AT
[72] WINKLER, BERNHARD, AT
[72] SCHNEIDER, ROLAND, DE
[72] SPRING, ROBERT, CH
[72] NGUYEN, HUU TOAN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-03-22
[86] 2016-10-04 (PCT/EP2016/073628)
[87] (WO2017/060214)
[30] EP (15188544.9) 2015-10-06

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[51] **Int.Cl. A61H 3/00 (2006.01) H02K 7/14 (2006.01) H02K 7/18 (2006.01) H01M 10/46 (2006.01)**
[25] EN
[54] **INTERMITTENTLY ASSISTING BODY MOTION**
[54] **ASSISTANCE INTERMITTENTE AU MOUVEMENT CORPOREL**
[72] HEPLER, DANIEL LOREN, CA
[72] MULLINS, CLIVE EDWARD, CA
[71] BIONIC POWER INC., CA
[85] 2018-03-22
[86] 2017-01-06 (PCT/CA2017/050012)
[87] (WO2017/120664)
[30] US (14/992,941) 2016-01-11

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) F03G 5/06 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR BIO-MECHANICAL POWER MANAGEMENT**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENERGIE BIO-MECANIQUE**
[72] HEPLER, DANIEL LOREN, CA
[72] MULLINS, CLIVE EDWARD, CA
[72] BADENHORST, MARE, CA
[71] BIONIC POWER INC., CA
[85] 2018-03-22
[86] 2017-02-15 (PCT/CA2017/050190)
[87] (WO2017/139882)
[30] US (15/048,015) 2016-02-19

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[51] **Int.Cl. C21D 9/48 (2006.01) C25D 5/10 (2006.01) C25D 5/50 (2006.01) C25D 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A STEEL COMPONENT FOR A VEHICLE**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRUCTURAL EN ACIER POUR UN VEHICULE**
[72] SIKORA, SASCHA, DE
[72] GORSCHLUETER, JOERG, DE
[72] KOEYER, MARIA, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-03-22
[86] 2016-10-05 (PCT/EP2016/073709)
[87] (WO2017/067782)
[30] DE (10 2015 220 347.6) 2015-10-20

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[51] **Int.Cl. C12N 9/02 (2006.01)**
[25] EN
[54] **KAURENOIC ACID HYDROXYLASES**
[54] **HYDROXYLASES DE L'ACIDE KAURENOIQUE**
[72] VAN LEEUWEN, JOHANNES GUSTAAF ERNST, NL
[72] ZWARTJENS, PRISCILLA, NL
[72] BOER, VIKTOR MARIUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-03-22
[86] 2016-10-05 (PCT/EP2016/073818)
[87] (WO2017/060318)
[30] US (62/237,203) 2015-10-05
[30] EP (16183457.7) 2016-08-09

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[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/024 (2006.01) A61B 5/0245 (2006.01) A61B 5/0464 (2006.01) A61B 5/00 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING INFORMATION INDICATIVE OF CARDIAC CONDITION**
[54] **PROCEDE ET APPAREIL DESTINES A PRODUIRE DES INFORMATIONS RELATIVES A UNE AFFECTION CARDIAQUE**
[72] AIRAKSINEN, JUHANI, FI
[72] KOIVISTO, TERO, FI
[72] PANKAALA, MIKKO, FI
[72] VALTONEN, TUOMAS, FI
[72] JAFARI TADI, MOJTABA, FI
[71] PRECORDIOR OY, FI
[85] 2018-03-22
[86] 2016-10-06 (PCT/FI2016/050695)
[87] (WO2017/060569)
[30] FI (20155703) 2015-10-07

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[51] **Int.Cl. B60C 1/00 (2006.01) C08C 19/22 (2006.01) C08C 19/25 (2006.01) C08C 19/44 (2006.01) C08L 15/00 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITION CONTAINING A DIENE ELASTOMER HAVING A FUNCTION IN THE MIDDLE OF THE CHAIN**
[54] **COMPOSITION DE CAOUTCHOUC CONTENANT UN ELASTOMERE DIENIQUE POSSEDANT UNE FONCTION EN MILIEU DE CHAINE**
[72] DE-GAUDEMARIS, BENOIT, FR
[72] NOURRY, CHRISTINE, FR
[72] VOISIN, FLORIANDRE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-03-22
[86] 2016-10-07 (PCT/EP2016/073950)
[87] (WO2017/060396)
[30] FR (1559594) 2015-10-08

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[13] A1
[51] **Int.Cl. C12N 9/16 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATMENT OF GLYCOGEN STORAGE DISEASE TYPE 1A**
[54] **SUBSTANCES ET PROCEDES DE TRAITEMENT DE GLYCOGENOSE DE DE TYPE 1A**
[72] COWAN, CHAD ALBERT, US
[72] BOGORAD, ROMAN LVOVITCH, US
[72] LUNDBERG, ANTE SVEN, US
[72] BEAUDRY, KIRSTEN LEAH, US
[71] CRISPR THERAPEUTICS AG, CH
[85] 2018-03-22
[86] 2016-11-07 (PCT/IB2016/001709)
[87] (WO2017/077386)
[30] US (62/252,208) 2015-11-06
[30] US (62/265,678) 2015-12-10
[30] US (62/324,113) 2016-04-18

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[51] **Int.Cl. A24B 15/12 (2006.01) A24B 15/16 (2006.01)**
[25] EN
[54] **RECONSTITUTED TOBACCO FOR DEVICES THAT HEAT TOBACCO WITHOUT BURNING IT**
[54] **TABAC RECONSTITUE POUR DES DISPOSITIFS QUI CHAUFFENT DU TABAC SANS LE BRULER**
[72] RABES, CECILE, FR
[71] SWM LUXEMBOURG SARL, LU
[85] 2018-03-22
[86] 2016-09-26 (PCT/EP2016/072838)
[87] (WO2017/051034)
[30] FR (15 59081) 2015-09-25

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[51] **Int.Cl. A63B 69/16 (2006.01) A63B 21/005 (2006.01) A63B 22/06 (2006.01)**
[25] EN
[54] **EDDY CURRENT CYCLING RESISTANCE APPARATUS**
[54] **APPAREIL DE RESISTANCE POUR BICYCLETTE A COURANT DE FOUCAULT**
[72] BUCKRELL, ANDREW JAMES MICHAEL, CA
[72] HARE, ARTHUR WILLIAM, CA
[72] PETERSON, SEAN DANIEL, CA
[71] BUCKRELL PETERSON HARE SPORTS TECHNOLOGY AND ATHLETICS CONSULTING, INC., CA
[85] 2018-03-22
[86] 2016-09-21 (PCT/IB2016/055643)
[87] (WO2017/051332)
[30] US (62/221,928) 2015-09-22

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[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/10 (2006.01)**
[25] EN
[54] **STACKED PLATE HEAT EXCHANGER WITH FORM FITTING CONNECTION OF THE PLATES**
[54] **ECHANGEUR DE CHALEUR A PLAQUES EMPILEES PRESENTANT RACCORDEMENT A ADAPTATION DE FORME DES PLAQUES**
[72] GUO, ZHANGENG, CH
[72] RAN, HONGWEI, CH
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[85] 2018-03-22
[86] 2016-09-22 (PCT/IB2016/055658)
[87] (WO2017/051341)
[30] CN (201510623924) 2015-09-25

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[51] **Int.Cl. B01D 63/16 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **ROTARY FILTER ARRANGEMENT HAVING A PLURALITY OF HOLLOW SHAFTS**
[54] **ENSEMBLE FILTRE TOURNANT DOTE DE PLUSIEURS ARBRES CREUX**
[72] GROENE, VERENA, DE
[71] GEA MECHANICAL EQUIPMENT GMBH, DE
[85] 2018-03-22
[86] 2016-10-14 (PCT/EP2016/074725)
[87] (WO2017/071975)
[30] DE (10 2015 118 275.0) 2015-10-27

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01)**
[25] EN
[54] **PACK FOR SMOKING ARTICLES**
[54] **PAQUET POUR ARTICLES A FUMER**
[72] MUSTAFA, ISAAK, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-03-22
[86] 2016-09-26 (PCT/EP2016/072868)
[87] (WO2017/055221)
[30] GB (1517129.1) 2015-09-28

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[13] A1
[51] **Int.Cl. F16L 11/08 (2006.01) F16L 11/11 (2006.01) F16L 11/115 (2006.01)**
[25] EN
[54] **FLEXIBLE HOSE**
[54] **TUYAU SOUPLE**
[72] DE NORA, PAOLO, IT
[71] EUROEQUIPE S.R.L., IT
[85] 2018-03-22
[86] 2016-10-28 (PCT/IB2016/056528)
[87] (WO2017/072729)
[30] IT (102015000067141) 2015-10-30

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[51] **Int.Cl. G08G 1/16 (2006.01) B60R 21/00 (2006.01) B60W 40/00 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS, CONTROL METHOD, AND PROGRAM**
[54] **APPAREIL DE CONTROLE, METHODE DE CONTROLE ET PROGRAMME**
[72] AKAMA, TAKETO, JP
[72] AOKI, SUGURU, JP
[72] OYAIZU, HIDEKI, JP
[72] HIRASAWA, YASUTAKA, JP
[72] KONDO, YUHI, JP
[71] SONY CORPORATION, JP
[85] 2018-03-22
[86] 2016-09-05 (PCT/JP2016/004043)
[87] (WO2017/056401)
[30] JP (2015-193320) 2015-09-30

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[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **USE OF EB1 AS A BIOMARKER OF DRUG RESPONSE**
[54] **UTILISATION DE EB1 COMME BIOMARQUEUR DE REPONSE A UN MEDICAMENT**
[72] BRAGUER, DIANE, FR
[72] BERGES, RAPHAEL, FR
[72] HONORE, STEPHANE, FR
[72] LANE, HEIDI, CH
[72] BACHMANN, FELIX, CH
[71] BASILEA PHARMACEUTICA INTERNATIONAL AG, CH
[85] 2018-03-22
[86] 2016-10-24 (PCT/EP2016/075542)
[87] (WO2017/068182)
[30] EP (15191127.8) 2015-10-22

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[13] A1
[51] **Int.Cl. A61K 31/473 (2006.01) A61K 9/00 (2006.01) A61K 47/12 (2006.01) A61K 47/20 (2006.01) A61P 15/00 (2006.01) A61P 15/10 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITION OF APOMORPHINE FOR SUBCUTANEOUS ADMINISTRATION**
[54] **COMPOSITION AQUEUSE D'APOMORPHINE POUR UNE ADMINISTRATION SOUS-CUTANEE**
[72] SCHNAIT, HEINZ, AT
[72] TOLGYESI, ZOLTAN, AT
[72] SCHMIDT, SABINE, AT
[72] HARTWIG, KERSTIN, AT
[72] MEIER, DIETER HORST, AT
[72] SELIGER, CHRISTIAN, DE
[71] EVER NEURO PHARMA GMBH, AT
[85] 2018-03-22
[86] 2016-09-28 (PCT/EP2016/073086)
[87] (WO2017/055337)
[30] EP (15187194.4) 2015-09-28

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[13] A1
[51] **Int.Cl. G01S 13/78 (2006.01)**
[25] EN
[54] **IDENTIFICATION FRIEND OR FOE (IFF) SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION AMI-ENNEMI (IFF)**
[72] AHARONI, ABRAHAM, IL
[72] ZUITLIN, ROEY, IL
[71] ISRAEL AEROSPACE INDUSTRIES LTD., IL
[85] 2018-03-22
[86] 2016-09-25 (PCT/IL2016/051058)
[87] (WO2017/064698)
[30] IL (242004) 2015-10-11

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[13] A1
[51] **Int.Cl. C08K 5/17 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **POLYCARBONATE COMPOSITIONS WITH IMPROVED STABILISATION**
[54] **COMPOSITIONS DE POLYCARBONATE PRESENTANT UNE MEILLEURE STABILITE**
[72] SEIDEL, ANDREAS, DE
[72] HUFEN, RALF, DE
[72] THIEM, HANS-JURGEN, DE
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2018-03-22
[86] 2016-09-29 (PCT/EP2016/073215)
[87] (WO2017/055416)
[30] EP (15188176.0) 2015-10-02

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[51] **Int.Cl. H01S 5/022 (2006.01) G01N 21/01 (2006.01) G02B 6/12 (2006.01) G02B 6/42 (2006.01) H01S 5/026 (2006.01) H01S 5/12 (2006.01) H01S 5/125 (2006.01) H01S 5/50 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR LASER DEVICE**
[54] **DISPOSITIF LASER A SEMI-CONDUCTEUR**
[72] ISHII, HIROYUKI, JP
[72] FUJIWARA, NAOKI, JP
[72] WATANABE, KEI, JP
[72] ITOH, MIKITAKA, JP
[72] KASAI, KEISUKE, JP
[72] NAKAZAWA, MASATAKA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[71] TOHOKU UNIVERSITY, JP
[85] 2018-03-22
[86] 2016-09-29 (PCT/JP2016/004396)
[87] (WO2017/056499)
[30] JP (2015-192106) 2015-09-29

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[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE FOR SELECTION OF SEMEN**
[54] **DISPOSITIF MICROFLUIDIQUE DE SELECTION DE SPERME**
[72] DE WAGENAAR, BJORN, NL
[72] SEGERINK, LOES IRENE, NL
[72] OLTHUIS, WOUTER, NL
[72] SPRENKELS, ADRIANUS JOSEPH, NL
[72] BERG VAN DEN, ALBERT, NL
[71] SEMEN REFINEMENT B.V., NL
[85] 2018-03-22
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[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION, ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2018-03-22
[86] 2016-09-13 (PCT/JP2016/076916)
[87] (WO2017/056956)
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01) B05B 11/00 (2006.01) A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR GENERATING AN INHALABLE MEDIUM**
[54] **APPAREIL DE GENERATION DE SUBSTANCE INHALABLE**
[72] HEPWORTH, RICHARD, GB
[72] SUTTON, JOSEPH, GB
[72] WOODCOCK, DOMINIC, GB
[72] GOODALL, SHARON, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-03-22
[86] 2016-09-30 (PCT/EP2016/073472)
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[30] GB (1517471.7) 2015-10-02

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[25] EN
[54] **DATA PROCESSING APPARATUS AND DATA PROCESSING**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] TAKAHASHI, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2018-03-22
[86] 2016-09-16 (PCT/JP2016/077396)
[87] (WO2017/057040)
[30] JP (2015-194552) 2015-09-30

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[51] **Int.Cl. A61K 31/661 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LEUKOCYTE INFILTRATION PROMOTING AGENT AND ANTITUMOR IMMUNOSTIMULATORY AGENT**
[54] **AGENT FAVORISANT L'INFILTRATION DE LEUCOCYTE ET AGENT IMMUNOSTIMULANT ANTITUMORAL**
[72] TAKAKURA, NOBUYUKI, JP
[72] NAITO, HISAMICHI, JP
[72] TAKARA, KAZUHIRO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2018-03-22
[86] 2016-09-29 (PCT/JP2016/078941)
[87] (WO2017/057643)
[30] JP (2015-191202) 2015-09-29

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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **USER EQUIPMENT, NETWORK NODE AND METHODS PERFORMED THEREIN**
[54] **EQUIPEMENT UTILISATEUR, N□UD DE RESEAU ET PROCEDES REALISES DANS CES DERNIERS**
[72] TIRRONEN, TUOMAS, FI
[72] BLANKENSHIP, YUFEI, US
[72] BERGMAN, JOHAN, SE
[72] YAVUZ, EMRE, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-03-22
[86] 2016-09-20 (PCT/SE2016/050881)
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[30] US (62/233,038) 2015-09-25

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[25] EN
[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME**
[72] SUTOU, YASUHIRO, JP
[72] OYAIZU, HIDEKI, JP
[72] MOTOYAMA, TAKUTO, JP
[72] YAMAZAKI, TOSHIO, JP
[71] SONY CORPORATION, JP
[85] 2018-03-22
[86] 2016-09-16 (PCT/JP2016/077429)
[87] (WO2017/057056)
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[51] **Int.Cl. H04W 4/02 (2018.01) H04L 1/00 (2006.01)**
[25] EN
[54] **SPEED DEPENDENT TRANSMISSION FORMAT FOR VEHICULAR TRANSMISSION**
[54] **FORMAT DE TRANSMISSION DEPENDANT DE LA VITESSE POUR TRANSMISSION ENTRE VEHICULES**
[72] SORRENTINO, STEFANO, SE
[72] BLASCO SERRANO, RICARDO, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-03-22
[86] 2016-09-21 (PCT/SE2016/050883)
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[51] **Int.Cl. H04N 21/435 (2011.01) H04H 20/91 (2009.01) H04H 60/73 (2009.01) H04N 21/433 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] KITAZATO, NAOHISA, JP
[72] DEWA, YOSHIHARU, JP
[72] YAMAGISHI, YASUAKI, JP
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
[85] 2018-03-22
[86] 2016-09-21 (PCT/JP2016/077788)
[87] (WO2017/061272)
[30] JP (2015-197391) 2015-10-05

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[51] **Int.Cl. H04W 4/02 (2018.01) A24F 47/00 (2006.01)**
[25] EN
[54] **VAPING POLICY ALERT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ALERTE DE POLITIQUE DE VAPOTAGE**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-03-22
[86] 2016-09-14 (PCT/GB2016/052828)
[87] (WO2017/055799)
[30] GB (1517087.1) 2015-09-28

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[51] **Int.Cl. A46B 5/00 (2006.01) A46B 9/06 (2006.01) A46B 9/08 (2006.01) A46B 13/00 (2006.01) A46B 13/02 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **A ROTATABLE BRUSH FOR ANIMALS**
[54] **BROSSE ROTATIVE POUR ANIMAUX**
[72] RUIZ RODRIGUEZ, JUAN-MIGUEL, SE
[71] DELAVAL HOLDING AB, SE
[85] 2018-03-22
[86] 2016-09-23 (PCT/SE2016/050900)
[87] (WO2017/052460)
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[51] **Int.Cl. B05D 7/02 (2006.01) B05D 3/12 (2006.01) C09D 5/00 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **PREFORM COATING DEVICE AND PREFORM COATING METHOD**
[54] **DISPOSITIF DE REVETEMENT DE PREFORME ET PROCEDE DE REVETEMENT DE PREFORME**
[72] TOMARI, ICHIRO, JP
[72] YAMANE, RYO, JP
[72] SUZUKI, HIDEYUKI, JP
[72] NISHIYAMA, MASANORI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2018-03-22
[86] 2016-09-23 (PCT/JP2016/078082)
[87] (WO2017/057198)
[30] JP (2015-193745) 2015-09-30
[30] JP (2015-193789) 2015-09-30
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[25] EN
[54] **PROCESS CONTROL FOR INCREASED ROBUSTNESS OF GENETIC ASSAYS**
[54] **COMMANDE DE PROCEDE POUR ACCROITRE LA ROBUSTESSE DE TESTS GENETIQUES**
[72] BOYDEN, ERIC D., US
[71] GOOD START GENETICS, INC., US
[85] 2018-03-22
[86] 2015-09-18 (PCT/US2015/050964)
[87] (WO2016/048829)
[30] US (62/054,725) 2014-09-24

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FEATURE SYNCHRONISATION SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS**
[54] **SYSTEME DE SYNCHRONISATION D'ELEMENT ET PROCEDE POUR SYSTEMES DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-03-22
[86] 2016-09-14 (PCT/GB2016/052831)
[87] (WO2017/055802)
[30] GB (1517092.1) 2015-09-28

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[51] **Int.Cl. A61K 38/08 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF NF KAPPA-B ACTIVITY FOR TREATMENT OF DISEASES AND DISORDERS**
[54] **INHIBITEURS DE L'ACTIVITE DE NF-KAPPA-B POUR LE TRAITEMENT DE CERTAINES MALADIES ET DE CERTAINS TROUBLES**
[72] BHATNAGAR, RAJENDRA SAHAI, US
[71] BHATNAGAR, RAJENDRA SAHAI, US
[85] 2018-03-22
[86] 2015-09-25 (PCT/US2015/052467)
[87] (WO2016/049580)
[30] US (62/055,982) 2014-09-26

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FEATURE SYNCHRONISATION SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS**
[54] **SYSTEME DE SYNCHRONISATION D'ELEMENT ET PROCEDE POUR SYSTEMES DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-03-22
[86] 2016-09-14 (PCT/GB2016/052832)
[87] (WO2017/055803)
[30] GB (1517094.7) 2015-09-28

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[51] **Int.Cl. B01D 53/32 (2006.01) B01D 53/00 (2006.01) B01D 53/02 (2006.01) B01D 53/60 (2006.01) B01D 53/92 (2006.01) F01N 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ELECTRON IRRADIATION SCRUBBING**
[54] **APPAREIL ET PROCEDE POUR L'EPURATION PAR IRRADIATION D'ELECTRONS**
[72] MICHAN, JUAN MARIO, GB
[71] DAPHNE TECHNOLOGY SA, CH
[85] 2018-03-22
[86] 2016-10-03 (PCT/GB2016/053075)
[87] (WO2017/055881)
[30] GB (1517477.4) 2015-10-02

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[51] **Int.Cl. A61K 31/702 (2006.01) A61K 31/351 (2006.01) A61K 31/4745 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **TRIPLE COMBINATION**
[54] **TRIPLE COMBINAISON**
[72] COATES, ANTHONY, GB
[72] HU, YANMIN, GB
[71] HELPERBY THERAPEUTICS LIMITED, GB
[85] 2018-03-22
[86] 2016-10-20 (PCT/GB2016/053277)
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[30] GB (1518969.9) 2015-10-27

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[51] **Int.Cl. B65D 51/18 (2006.01) A45D 34/00 (2006.01) A45D 40/00 (2006.01) B65D 43/02 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **SCREW-TYPE CLOSURE SYSTEMS WITH MAGNETIC FEATURE**
[54] **SYSTEMES DE FERMETURE DE TYPE A VIS COMPRENANT DES ELEMENTS MAGNETIQUES**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-03-22
[86] 2016-08-29 (PCT/US2016/049186)
[87] (WO2017/053015)
[30] US (14/865,040) 2015-09-25

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[51] **Int.Cl. B65D 51/18 (2006.01) A45D 34/00 (2006.01) A45D 40/00 (2006.01) B65D 43/02 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **MAGNETIC CLOSURE SYSTEM FOR A CONTAINER WITH A WAND-TYPE APPLICATOR AND WIPER**
[54] **SYSTEME DE FERMETURE MAGNETIQUE POUR UN CONTENANT DOTE D'UN APPLICATEUR DE TYPE TIGE ET D'UN RACLEUR**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-03-22
[86] 2016-08-30 (PCT/US2016/049381)
[87] (WO2017/053026)
[30] US (14/865,051) 2015-09-25

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[51] **Int.Cl. B65D 51/18 (2006.01) A45D 34/00 (2006.01) A45D 40/00 (2006.01) B65D 43/02 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **SCREW-TYPE CONTAINER-CLOSURE SYSTEMS WITH MAGNETIC FEATURE**
[54] **SYSTEMES CONTENANT-ELEMENT DE FERMETURE DE TYPE A VIS COMPRENANT DES ELEMENTS MAGNETIQUES**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-03-22
[86] 2016-08-30 (PCT/US2016/049385)
[87] (WO2017/053027)
[30] US (14/865,040) 2015-09-25

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[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/511 (2006.01) A61F 13/532 (2006.01) A61F 13/551 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES HAVING CHANNELS, STRETCHABLE WAISTBANDS AND BACK EARS**
[54] **ARTICLES ABSORBANTS AYANT DES CANAUX, DES CEINTURES ETIRABLES ET DES PATTES ARRIERE**
[72] WILLHAUS, KEITH RICHARD, US
[72] BIANCHI, ERNESTO GABRIEL, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-22
[86] 2016-08-31 (PCT/US2016/049616)
[87] (WO2017/053035)
[30] US (62/221,867) 2015-09-22

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[13] A1
[51] **Int.Cl. A41D 1/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ADJUSTING THE FIT OF CLOTHING**
[54] **SYSTEME ET PROCEDE DE REGLAGE DE L'AJUSTEMENT D'UN VETEMENT**
[72] CURRAN, DAVID JEFFREY, US
[71] 11 PINE, INC., US
[85] 2018-03-22
[86] 2015-10-02 (PCT/US2015/053652)
[87] (WO2016/054471)
[30] US (62/059,744) 2014-10-03

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[13] A1
[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **USING LECITHIN-BASED OIL COMPOSITIONS FOR CONTROLLING DUST FROM ADDITIVE PARTICLES**
[54] **UTILISATION DE COMPOSITIONS D'HUILES A BASE DE LECITHINE POUR MAITRISER LA POUSSIERE PRODUITE PAR DES PARTICULES D'ADDITIFS**
[72] PAL, OMPRAKASH RAMKHILAVAN, SA
[72] MAXEY, JASON ERICK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-22
[86] 2015-11-06 (PCT/US2015/059391)
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[13] A1
[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/511 (2006.01) A61F 13/532 (2006.01) A61F 13/551 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES HAVING CURVED CHANNELS**
[54] **ARTICLES ABSORBANTS DOTES DE CANAUX INCURVES**
[72] WILLHAUS, KEITH RICHARD, US
[72] BIANCHI, ERNESTO GABRIEL, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-22
[86] 2016-08-31 (PCT/US2016/049617)
[87] (WO2017/053036)
[30] US (62/221,875) 2015-09-22

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/17 (2006.01) A61P 9/04 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING HEART FAILURE USING GLUCAGON RECEPTOR ANTAGONISTIC ANTIBODIES**
[54] **METHODES DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE EN UTILISANT DES ANTICORPS ANTAGONISTES DU RECEPTEUR AU GLUCAGON**
[72] YAN, HAI, US
[71] REMD BIOTHERAPEUTICS, INC., US
[85] 2018-03-22
[86] 2016-09-02 (PCT/US2016/050183)
[87] (WO2017/040986)
[30] US (62/214,449) 2015-09-04
[30] US (62/259,061) 2015-11-24

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[51] **Int.Cl. H01B 7/285 (2006.01) H01B 7/18 (2006.01) H01B 7/28 (2006.01) H01B 7/38 (2006.01) H01B 13/14 (2006.01)**
[25] EN
[54] **PEELABLE CABLE JACKET HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING PEELABLE CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES**
[54] **GAINE DE CABLE PELABLE A MICROSTRUCTURES DEFINIES ET PROCEDES DE FABRICATION DE GAINES DE CABLES PELABLES A MICROSTRUCTURES DEFINIES**
[72] ESSEGHIR, MOHAMED, US
[72] HUANG, WENYI, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-22
[86] 2016-09-06 (PCT/US2016/050352)
[87] (WO2017/058470)
[30] US (62/233,620) 2015-09-28

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[13] A1
[51] **Int.Cl. H04H 20/22 (2009.01) H04H 60/58 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TIME ALIGNMENT OF ANALOG AND DIGITAL PATHWAYS IN A DIGITAL RADIO RECEIVER**
[54] **PROCEDE ET APPAREIL D'ALIGNEMENT DANS LE TEMPS DE VOIES ANALOGIQUES ET NUMERIQUES DANS UN RADIORECEPTEUR NUMERIQUE**
[72] VINCELETTE, SCOTT, US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2018-03-22
[86] 2016-09-06 (PCT/US2016/050408)
[87] (WO2017/053057)
[30] US (14/862,800) 2015-09-23

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[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/02 (2006.01) A61K 8/92 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR TREATING SKIN**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE LA PEAU**
[72] PERNODET, NADINE, US
[72] PELLE, EDWARD, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-03-22
[86] 2016-09-09 (PCT/US2016/050868)
[87] (WO2017/053083)
[30] US (14/864,207) 2015-09-24

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[51] **Int.Cl. B60T 15/18 (2006.01)**
[25] EN
[54] **BRAKE CYLINDER PRESSURE MAINTENANCE VALVE FOR FREIGHT CAR BRAKE EQUIPMENT AND FREIGHT CAR BRAKE SYSTEM COMPRISING SUCH A VALVE**
[54] **SOUPAPE DE MAINTIEN DE PRESSION DE CYLINDRE DE FREIN POUR EQUIPEMENT DE FREIN DE WAGON DE MARCHANDISES ET SYSTEME DE FREIN DE WAGON DE MARCHANDISES COMPRENANT UNE TELLE SOUPAPE**
[72] GOUJON, DANIEL, FR
[72] ADAMS, PATRICK, US
[72] CORRENDO, ROBERTO, IT
[72] MARECHAL, MICKAEL, FR
[72] BRUSHWOOD, DANIEL, US
[71] AMSTED RAIL COMPANY, INC., US
[85] 2018-03-22
[86] 2016-09-12 (PCT/US2016/051233)
[87] (WO2017/053108)
[30] US (14/862,347) 2015-09-23

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCT IDENTIFICATION AND COMPUTER ROUTING SERVICES**
[54] **PROCEDES ET SYSTEMES POUR IDENTIFICATION DE PRODUITS ET POUR DES SERVICES DE ROUTAGE INFORMATIQUE**
[72] DIX, SIMON R., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-03-22
[86] 2016-09-14 (PCT/US2016/051602)
[87] (WO2017/053139)
[30] US (14/861,525) 2015-09-22

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[13] A1
[51] **Int.Cl. H01B 7/285 (2006.01) H01B 7/18 (2006.01) H01B 7/38 (2006.01) H01B 13/14 (2006.01)**
[25] EN
[54] **PEELABLE CABLE JACKET HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING PEELABLE CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES**
[54] **GAINE DE CABLE PELABLE A MICROSTRUCTURES DEFINIES ET PROCEDES DE FABRICATION DE GAINES DE CABLES PELABLES A MICROSTRUCTURES DEFINIES**
[72] ESSEGHIR, MOHAMED, US
[72] HUANG, WENYI, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-22
[86] 2016-09-06 (PCT/US2016/050354)
[87] (WO2017/058472)
[30] US (62/233,624) 2015-09-28

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01) G06F 21/31 (2013.01) H04M 11/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FRAUD DETECTION USING A MOBILE COMMUNICATION DEVICE**
[54] **PROCEDE ET SYSTEME DE DETECTION DE FRAUDE A L'AIDE D'UN DISPOSITIF DE COMMUNICATION MOBILE**
[72] SIDHU, NAVJOT, US
[72] HIVELY, COREY, US
[72] DHALA, AMYN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-03-22
[86] 2016-09-14 (PCT/US2016/051605)
[87] (WO2017/053140)
[30] US (14/862,617) 2015-09-23

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[51] **Int.Cl. G06F 9/48 (2006.01)**
[25] EN
[54] **ACCELERATING TASK SUBGRAPHS BY REMAPPING SYNCHRONIZATION**
[54] **ACCELERATION DE SOUS-GRAPHIQUES DE TACHES PAR SYNCHRONISATION DE RE-MAPPAGE**
[72] RAMAN, ARUN, US
[72] KUMAR, TUSHAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-22
[86] 2016-09-14 (PCT/US2016/051739)
[87] (WO2017/065915)
[30] US (14/885,226) 2015-10-16

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING METASTASES**
[54] **METHODES ET COMPOSITIONS POUR REDUIRE LES METASTASES**
[72] HUANG, LEAF, US
[72] GOODWIN, TYLER, US
[72] LIU, RIHE, US
[72] MIAO, LEI, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2018-03-22
[86] 2016-09-15 (PCT/US2016/051966)
[87] (WO2017/053170)
[30] US (62/232,169) 2015-09-24

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[51] **Int.Cl. A47B 9/16 (2006.01) A47B 9/02 (2006.01)**
[25] EN
[54] **HEIGHT ADJUSTABLE DEVICE**
[54] **DISPOSITIF REGLABLE EN HAUTEUR**
[72] SWARTZ, NICHOLAS ROBERT, US
[72] LINDBLAD, SHAUN CHRISTOPHER, US
[72] MENSING, JEFFREY RANDALL, US
[71] ERGOTRON, INC., US
[85] 2018-03-22
[86] 2016-09-16 (PCT/US2016/052233)
[87] (WO2017/053200)
[30] US (62/232,133) 2015-09-24

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **ADSORBENT REGENERATION METHOD IN A COMBINED PRESSURE AND TEMPERATURE SWING ADSORPTION**
[54] **METHODE DE REGENERATION D'ADSORBANT DANS UNE ADSORPTION COMBINEE MODULEE EN PRESSION ET EN TEMPERATURE**
[72] HASHI, MOHAMED, US
[72] CELIK, CEM E., US
[72] DRAY, JAMES R., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2018-03-22
[86] 2016-09-20 (PCT/US2016/052568)
[87] (WO2017/053249)
[30] US (62/232,572) 2015-09-25

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[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO FACILITATE A PLANNED AUTOMATED ROUTE THROUGH A WAREHOUSE**
[54] **PROCEDE ET APPAREIL POUR FACILITER UN ITINERAIRE AUTOMATISE PLANIFIE A TRAVERS UN ENTREPOT**
[72] WHITE, RICK, US
[72] JOHNSON, CHRISTOPHER S., US
[72] CLARK, JIMMIE R., US
[72] LEWIS, RICKY L., US
[71] WALMART APOLLO, LLC, US
[85] 2018-03-22
[86] 2016-09-21 (PCT/US2016/052786)
[87] (WO2017/053366)
[30] US (62/233,174) 2015-09-25

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[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **TRAVELING OCEAN BOTTOM SEISMIC SURVEY**
[54] **RELEVE SISMIQUE MOBILE POUR FOND D'OCEAN**
[72] WATTS, GILES FRANCES TANFIELD, US
[72] STEWART, PETER GRAHAM, US
[71] ION GEOPHYSICAL CORPORATION, US
[71] WATTS, GILES FRANCES TANFIELD, US
[71] STEWART, PETER GRAHAM, US
[85] 2018-03-22
[86] 2016-09-22 (PCT/US2016/053011)
[87] (WO2017/053512)
[30] US (62/221,759) 2015-09-22
[30] US (15/271,715) 2016-09-21

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[13] A1
[51] **Int.Cl. G01C 23/00 (2006.01)**
[25] EN
[54] **LOSS-OF-CONTROL PREVENTION AND RECOVERY FLIGHT CONTROLLER**
[54] **UNITE DE COMMANDE DE VOL A PREVENTION DE PERTE DE COMMANDE ET DE RETABLISSEMENT APRES PERTE DE COMMANDE**
[72] ZHU, JIANCHAO, US
[72] ZHAO, YUE, US
[71] OHIO UNIVERSITY, US
[85] 2018-03-22
[86] 2016-09-22 (PCT/US2016/053030)
[87] (WO2017/053522)
[30] US (62/221,858) 2015-09-22

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[51] **Int.Cl. E05D 7/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE HINGE TO ELIMINATE SHIMMING**
[54] **CHARNIERE REGLABLE POUR ELIMINER LE CALAGE**
[72] GINTER, MARK, US
[72] CICCHETTI, CHRISTINE, US
[72] FAULKNER, BRANDON, US
[71] BEST ACCESS SOLUTIONS, INC., US
[85] 2018-03-22
[86] 2016-09-22 (PCT/US2016/053086)
[87] (WO2017/053551)
[30] US (62/221,711) 2015-09-22
[30] US (15/087,260) 2016-03-31

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[51] **Int.Cl. A61K 36/48 (2006.01) A61K 36/82 (2006.01)**
[25] EN
[54] **FLAVONOID COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE FLAVONOIDES ET PROCEDES D'UTILISATION**
[72] RICHARDS, KURT, US
[71] REOXCYN INNOVATION GROUP, LLC, US
[85] 2018-03-22
[86] 2016-09-22 (PCT/US2016/053141)
[87] (WO2017/053583)
[30] US (62/222,667) 2015-09-23

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[51] **Int.Cl. B65G 33/20 (2006.01) B65G 33/12 (2006.01) B65G 33/14 (2006.01) B65G 33/26 (2006.01) B65G 65/46 (2006.01)**
[25] EN
[54] **PRESSURE SEALED HIGH TEMPERATURE ELEVATING CONVEYOR**
[54] **CONVOYEUR-ELEVATEUR A HAUTE TEMPERATURE SCELLE SOUS PRESSION**
[72] MCINTOSH, RICHARD S., US
[72] SKELLY, WILLIAM N., US
[72] GILCHRIST, JACK, US
[71] OLDS ELEVATOR, LLC, US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053341)
[87] (WO2017/053726)
[30] US (62/232,056) 2015-09-24

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[13] A1
[51] **Int.Cl. A61K 31/20 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR THE TREATMENT OF OCULAR DISORDERS**
[54] **COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] CLELAND, JEFFREY L., US
[72] YANG, MING, US
[72] BAUMAN, JOHN, US
[72] HOANG, NU, US
[72] CUNNINGHAM, EMMETT, US
[71] GRAYBUG VISION, INC., US
[85] 2018-03-22
[86] 2016-09-22 (PCT/US2016/053210)
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[30] US (62/222,095) 2015-09-22

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[51] **Int.Cl. A23L 27/00 (2016.01) A23L 27/10 (2016.01) A23L 27/30 (2016.01)**
[25] EN
[54] **STEVIOL GLYCOSIDE BLENDS, COMPOSITIONS AND METHODS**
[54] **MELANGES DE GLYCOSIDES DE STEVIOL, COMPOSITIONS ET PROCEDES**
[72] HIGIRO, JUVENAL, US
[72] TAN, XIAOLIANG, US
[72] BECHMAN, ALLISON, US
[72] HERKOVIC, JOSEPH, E., US
[72] XIONG, RUI, US
[72] WRIGHT, KRISTIN, US
[71] THE COCA-COLA COMPANY, US
[85] 2018-03-22
[86] 2016-09-26 (PCT/US2016/053794)
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[30] US (62/232,943) 2015-09-25

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[13] A1
[51] **Int.Cl. A23G 4/10 (2006.01)**
[25] EN
[54] **CHEWING GUMS CONTAINING ALLULOSE**
[54] **GOMMES A MACHER CONTENANT DE L'ALLULOSE**
[72] BARKALOW, DAVID G., US
[72] HSU, CHIA-HUA, US
[72] HASELEU, ANDREA, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-03-22
[86] 2016-09-30 (PCT/US2016/055006)
[87] (WO2017/059363)
[30] US (62/236,430) 2015-10-02

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[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/445 (2006.01) A61P 29/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES THERAPEUTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] BERGERON, PHILLIPE, US
[72] CHOWDHURY, SULTAN, CA
[72] FOCKEN, THILO, CA
[72] GRIMWOOD, MICHAEL EDWARD, CA
[72] HASAN, ABID, CA
[72] LAI, KWONG WAH, CN
[72] LIU, ZHIGUO, CN
[72] MCKERRALL, STEVEN, US
[72] NGUYEN, TERESA PHUONGTRAM, US
[72] SAFINA, BRIAN, US
[72] SUTHERLIN, DANIEL, US
[72] WANG, TAO, CN
[72] BURFORD, KRISTEN, CA
[72] DEHNHARDT, CHRISTOPH MARTIN, CA
[71] GENENTECH, INC., US
[71] XENON PHARMACEUTICALS INC., CA
[85] 2018-03-22
[86] 2016-09-27 (PCT/US2016/054011)
[87] (WO2017/058821)
[30] US (62/233,863) 2015-09-28
[30] US (62/298,817) 2016-02-23
[30] CN (PCT/CN2016/096659) 2016-08-25

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BUILDING, OPTIMIZING, AND ENFORCING INFRASTRUCTURE ON A CLOUD BASED COMPUTING ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION, D'OPTIMISATION ET DE MISE EN APPLICATION D'INFRASTRUCTURE DANS UN ENVIRONNEMENT INFORMATIQUE BASE SUR LE NUAGE**
[72] STELLA, JOSHA, US
[72] ZIPPILLI, DOMINIC, US
[72] DRESNER-THORNBER, EMILY, US
[72] WRIGHT, DENISON, US
[72] CRISSMAN, WAYNE, US
[72] BRINKMAN, MATTHEW, US
[72] MCCOURTNEY, NATHAN, US
[72] SCHOOF, ALEXANDER E., US
[72] KERRIGAN, DANIEL, US
[72] TOBIN, JARED, US
[72] VAN DER JEUGT, JASPER, US
[72] WOS, MACIEJ, US
[72] KAMINSKI, CHRISTOPHER, US
[72] DROMBOSKY, TYLER, US
[71] FUGUE, INC., US
[85] 2018-03-22
[86] 2016-10-04 (PCT/US2016/055372)
[87] (WO2017/062384)
[30] US (62/237,432) 2015-10-05
[30] US (15/215,409) 2016-07-20

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[51] **Int.Cl. C08J 9/35 (2006.01) B29C 44/00 (2006.01) C08J 9/12 (2006.01) C08L 23/02 (2006.01) C08L 25/06 (2006.01) C08L 25/12 (2006.01) C08L 33/06 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING FOAMS COMPRISING NANOCELLULAR DOMAINS**
[54] **PROCEDES DE FABRICATION DE MOUSSES COMPRENANT DES DOMAINES NANOCELLULAIRES**
[72] GAWRYLA, MATTHEW DANIEL, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2018-03-22
[86] 2016-10-14 (PCT/US2016/056936)
[87] (WO2017/070006)
[30] US (62/244,252) 2015-10-21

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C07D 295/088 (2006.01) C07H 21/02 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS D'OLIGONUCLEOTIDES ET PROCEDES ASSOCIES**
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] DIVAKARAMENON, SETHUMADHAVAN, US
[72] FRANCIS, CHRISTOPHER J., US
[72] FRANK-KAMENETSKY, MARIA DAVID, US
[72] IWAMOTO, NAOKI, US
[72] LU, GENLIANG, US
[72] MARAPPAN, SUBRAMANIAN, US
[72] MEENA, US
[72] VARGEESE, CHANDRA, US
[72] VERDINE, GREGORY L., US
[72] YANG, HAILIN, US
[72] ZHANG, JASON JINGXIN, US
[71] WAVE LIFE SCIENCES LTD., SG
[85] 2018-03-22
[86] 2016-10-07 (PCT/US2016/056123)
[87] (WO2017/062862)
[30] US (62/239,839) 2015-10-09
[30] US (62/331,961) 2016-05-04
[30] US (62/331,966) 2016-05-04

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[13] A1
[51] **Int.Cl. G06F 1/12 (2006.01) H04J 3/06 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR TIMESTAMPING IN A SYSTEM SYNCHRONIZING CONTROLLER AND SENSORS**
[54] **APPAREIL ET METHODE D'HORODATAGE DANS UN SYSTEME SYNCHRONISANT UN CONTROLEUR ET DES CAPTEURS**
[72] PITIGOI-ARON, RADU, US
[72] SHEYNBLAT, LEONID, US
[72] PUIG, CARLOS, US
[72] BLACK, JUSTIN, US
[72] KULKARNI, RASHMI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-22
[86] 2016-10-21 (PCT/US2016/058289)
[87] (WO2017/070593)
[30] US (62/245,914) 2015-10-23
[30] US (62/245,917) 2015-10-23
[30] US (62/245,922) 2015-10-23
[30] US (62/245,924) 2015-10-23
[30] US (15/251,757) 2016-08-30
[30] US (15/299,408) 2016-10-20

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[13] A1
[51] **Int.Cl. H04W 4/18 (2009.01) H04L 12/717 (2013.01) H04L 12/66 (2006.01)**
[25] EN
[54] **DISTRIBUTED EDGE PROCESSING OF INTERNET OF THINGS DEVICE DATA IN CO-LOCATION FACILITIES**
[54] **TRAITEMENT DE BORD REPARTI EFFECTUE SUR DES DONNEES DE DISPOSITIFS DE L'INTERNET DES OBJETS DANS DES INSTALLATIONS DE CO-LOCALISATION**
[72] DORAISWAMY, VIJAAY, US
[72] LILLIE, BRIAN J., US
[72] KOTY, RAMCHANDRA JAYATEERTH, US
[72] JEYAPAUL, JAGANATHAN, US
[72] PUROHIT, PURVISH, US
[71] EQUINIX, INC., US
[85] 2018-03-22
[86] 2016-12-30 (PCT/US2016/069444)
[87] (WO2017/123425)
[30] US (62/277,038) 2016-01-11
[30] US (15/394,144) 2016-12-29

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SETTLING MULTIPLE PAYEES FROM A SINGLE ELECTRONIC AND/OR CHECK PAYMENT**
[54] **SYSTEME ET PROCEDE DE REGLEMENT A DE MULTIPLES BENEFICIAIRES A PARTIR D'UN SEUL PAIEMENT ELECTRONIQUE ET/OU PAR CHEQUE**
[72] ENOBAKHARE, HUGH, US
[71] MROUTE CORP., US
[85] 2018-03-22
[86] 2016-11-23 (PCT/US2016/063547)
[87] (WO2017/054016)
[30] US (62/222,674) 2015-09-23

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[13] A1
[51] **Int.Cl. G10G 1/04 (2006.01) G10G 3/04 (2006.01) G10H 1/00 (2006.01)**
[25] EN
[54] **MACHINES, SYSTEMS AND PROCESSES FOR AUTOMATED MUSIC COMPOSITION AND GENERATION EMPLOYING LINGUISTIC AND/OR GRAPHICAL ICON BASED MUSICAL EXPERIENCE DESCRIPTORS**
[54] **MACHINES, SYSTEMES ET PROCEDES DE COMPOSITION ET DE GENERATION AUTOMATIQUE DE MUSIQUE AU MOYEN DE DESCRIPTEURS D'EXPERIENCE MUSICALE BASES SUR DES ICONES LINGUISTIQUES ET/OU GRAPHIQUES**
[72] SILVERSTEIN, ANDREW H., US
[71] AMPER MUSIC, INC., US
[85] 2018-03-22
[86] 2016-09-28 (PCT/US2016/054066)
[87] (WO2017/058844)
[30] US (14/869,911) 2015-09-29

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[51] **Int.Cl. E04G 11/08 (2006.01) E04B 2/84 (2006.01) E04G 17/04 (2006.01) E04G 19/00 (2006.01)**
[25] EN
[54] **A FORMWORK PANEL ASSEMBLY**
[54] **ENSEMBLE PANNEAU DE COFFRAGE**
[72] ROSATI, EMILIO, AU
[72] ROSATI, WASYL, AU
[71] FORM 700 PTY LTD, AU
[85] 2018-03-23
[86] 2015-09-30 (PCT/AU2015/000594)
[87] (WO2017/054028)

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[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) C08J 5/18 (2006.01) C08L 33/12 (2006.01)**
[25] EN
[54] **POLYETHYLENE FILM HAVING UNIQUE AESTHETIC AND PERFORMANCE PROPERTIES**
[54] **FILM DE POLYETHYLENE PRESENTANT DES PROPRIETES ESTHETIQUES ET DE PERFORMANCES UNIQUES**
[72] CHENG, ZHAN, CN
[72] PAN, LICHAO, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-23
[86] 2015-10-16 (PCT/CN2015/092055)
[87] (WO2017/063181)

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) A01H 17/00 (2006.01) A01N 63/04 (2006.01) C07D 493/00 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **BRACHIARIA ENDOPHYTES AND RELATED METHODS**
[54] **ENDOPHYTES BRACHIARIA ET PROCEDES ASSOCIES**
[72] SPANGENBERG, GERMAN CARLOS, AU
[72] GUTHRIDGE, KATHRYN MICHAELA, AU
[72] MANN, ROSS, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[72] HETTIARACHCHIGE, INOKA KUMARI, AU
[72] EKANAYAKE, PIYUMI NIROSHINI, AU
[72] BROHIER, NATASHA DENISE, AU
[72] ROCHFORT, SIMONE JANE, AU
[72] EDWARDS, JACQUELINE, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
[85] 2018-03-23
[86] 2016-09-23 (PCT/AU2016/050887)
[87] (WO2017/049352)
[30] AU (2015903909) 2015-09-24
[30] AU (2016903174) 2016-08-12

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[13] A1
[51] **Int.Cl. B29C 63/02 (2006.01) B60Q 1/00 (2006.01) B60R 21/0134 (2006.01) B60W 40/02 (2006.01) B60W 40/12 (2012.01) B60W 50/08 (2012.01)**
[25] EN
[54] **PLATFORM/SYSTEM FOR THE PRICING, BIDDING, AWARD AND MANAGEMENT OF FLEET-BASED INSTALLATION SERVICES**
[54] **PLATEFORME/SYSTEME POUR LA TARIFICATION, L'OFFRE, L'ATTRIBUTION ET LA GESTION DE SERVICES D'INSTALLATION BASEES SUR UNE FLOTTE**
[72] PIRKLE, PAUL ROBERT, US
[72] ANTONGIOVANNI, MICHAEL L., US
[71] MODAGRAFICS, INC., US
[85] 2018-03-22
[86] 2017-06-02 (PCT/US2017/035799)
[87] (WO2017/210625)
[30] US (62/345,116) 2016-06-03
[30] US (15/612,786) 2017-06-02

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[13] A1
[51] **Int.Cl. C12N 1/14 (2006.01) C12P 7/16 (2006.01)**
[25] EN
[54] **BIOACTIVE FUNGI**
[54] **CHAMPIGNONS BIOACTIFS**
[72] MANN, ROSS, AU
[72] SPANGENBERG, GERMAN CARLOS, AU
[72] AUER, DESMOND, AU
[72] KRILL, CHRISTIAN, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[72] EDWARDS, JACQUELINE, AU
[72] ROCHFORT, SIMONE JANE, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
[85] 2018-03-23
[86] 2016-09-23 (PCT/AU2016/050888)
[87] (WO2017/049353)
[30] AU (2015903908) 2015-09-24

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[13] A1
[51] **Int.Cl. A47G 9/10 (2006.01) A47C 7/38 (2006.01)**
[25] EN
[54] **NECK PILLOW WITH CHIN SUPPORTS, MULTIPLE ANCHOR POINTS, AND MAGNETIC CLIP**
[54] **COUSSIN CERVICAL COMPORTANT DES SUPPORTS DE MENTON, DE MULTIPLES POINTS D'ANCRAGE ET UNE ATTACHE MAGNETIQUE**
[72] WONG, JON, US
[72] STERNLIGHT, DAVID, US
[72] LE, JUSTICE THAO, US
[72] HILTERBRAN, RYAN, US
[71] CABEAU, INC., US
[85] 2018-03-22
[86] 2016-09-28 (PCT/US2016/054178)
[87] (WO2017/058914)
[30] US (62/234,593) 2015-09-29
[30] US (62/377,494) 2016-08-19
[30] US (62/396,018) 2016-09-16

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[71] CBH FRESH PTY LTD, AU
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[54] **INHIBITEUR DE L'EGFR KINASE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] MA, DAWEI, CN
[72] YU, QIANG, CN
[72] YUAN, JUNYING, CN
[72] XIA, HONGGUANG, CN
[72] CAI, DONGPO, CN
[72] WANG, KAILIANG, CN
[72] ZHANG, CHEN, CN
[72] XIA, SHANGHUA, CN
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[72] ERGE, ONEY, US
[72] DE MATA CECILIO, INES, GB
[72] DEARDEN, RICHARD, GB
[72] DUNLOP, JONATHAN, GB
[72] ALDRED, WALTER DAVID, GB
[72] JOHNSON, ASHLEY BERNARD, GB
[72] REZEK, IEAD, GB
[72] JEFFRYES, BENJAMIN PETER, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **COMPOSITIONS DE POLYOLEFINE A PROPRIETES MECANIQUES ET DE BARRIERE AMELIOREES**
[72] HABERT, ALBERTO CLAUDIO, BR
[72] BORGES, CRISTIANO PIACSEK, BR
[72] PEREIRA, CRISTINA CARDOSO, BR
[72] GARCIA, MARIA ELIZABETH FERREIRA, BR
[72] FUJIYAMA-NOVAK, JANE HITOMI, BR
[72] AMARAL, RAFAEL AISLAN, BR
[72] MANO, BARBARA IRIA SILVA, BR
[72] GRASSI, VINICIUS GALHARD, BR
[72] SAKAHARA, ROGERIO MASSANORI, BR
[72] FARAH, MARCELO, BR
[72] STOCKER, MARIELE KAIPERS, BR
[72] BUENO, MARCOS ROBERTO PAULINO, BR
[71] BRASKEM S.A., BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR
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[54] **CORPS EN FORME DE PLAQUE**
[72] PETERSEN, FRANK, DE
[72] VERSTEGGE, CHRISTIAN, DE
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[72] WOLF, MATTHIAS, DE
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[54] **PROCEDE, APPAREIL, ET SYSTEME D'ENVOI ET DE RECEPTION DE SIGNAL**
[72] SU, WEI, CN
[72] VISSERS, MAARTEN P.J., CN
[72] WU, QIUYOU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DERIVES D'HETEROCYCLES CONDENSES A SUBSTITUTION 2-(HET)ARYLE UTILISES COMME AGENTS DE LUTTE CONTRE LES NUISIBLES**
[72] WILCKE, DAVID, DE
[72] FISCHER, RUDIGER, DE
[72] HAGER, DOMINIK, DE
[72] KAUSCH-BUSIES, NINA, DE
[72] HOFFMEISTER, LAURA, DE
[72] ILG, KERSTIN, DE
[72] GORGENS, ULRICH, DE
[72] PORTZ, DANIELA, DE
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[54] **CONFISERIES CONTENANT DE L'ALLULOSE**
[72] BARKALOW, DAVID G., US
[72] HSU, CHIA-HUA, US
[72] HASELEU, ANDREA, US
[72] STAWSKI, BARBARA Z., US
[71] WM. WRIGLEY JR. COMPANY, US
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[54] **UTILISATION DE PROTEINES ET DE PEPTIDES IMMUNOSUPPRESSEURS HUMAINS COMME MEDICAMENTS**
[72] LASKA, MAGDALENA JANINA, DK
[72] TROLDBORG, ANNE MARGRETHE, DK
[72] STENGAARD-PEDERSEN, KRISTIAN, DK
[72] BAHRAMI, SHERVIN, DK
[71] AIMVION A/S, DK
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[54] **NOUVELLES COMPOSITIONS PHYTOPROTECTRICES ET LEURS UTILISATIONS**
[72] FLECHSIG, FRANK, CH
[72] FLECHSIG, THOMAS, CH
[71] FLECHSIG PATENT COMPANY LLC, CH
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[54] **SALTS AND SOLID FORMS OF MONOBACTAM ANTIBIOTIC**
[54] **SELS ET FORMES SOLIDES D'ANTIBIOTIQUE MONOBACTAME**
[72] AUBIN, ERIC, CH
[72] CASAREZ, ANTHONY, US
[72] FISCH, ANDREAS, CH
[72] LI, ZAIXING, CN
[72] LINDVALL, MIKA, US
[72] MOSER, HEINZ ERNST, US
[72] MUTZ, MICHAEL, CH
[72] RECK, FOLKERT, US
[72] RIEBESEHL, BERND ULRICH, CH
[72] SCHOENHENTZ, MARC, CH
[72] SETHURAMAN, VIJAY, US
[72] SIMMONS, ROBERT LOWELL, US
[71] NOVARTIS AG, CH
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[54] **FLOW SYSTEM AND METHODS FOR DIGITAL COUNTING**
[54] **SYSTEME D'ECOULEMENT ET PROCEDES DE COMPTAGE NUMERIQUE**
[72] KUNDING, ANDREAS HJARNE, DK
[71] SELMA DIAGNOSTICS APS, DK
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[54] **BIOMARQUEURS POUR LA DETERMINATION PRECOCE DE LA GRAVITE D'UNE MALADIE GRIPPALE**
[72] JOSSET, LAURENCE, FR
[72] PICHON, MAXIME, FR
[72] LINA, BRUNO, FR
[72] KATZE, MICHAEL, US
[72] LANGEVIN, STANLEY, US
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] HOSPICES CIVILS DE LYON, FR
[71] UNIVERSITY OF WASHINGTON, US
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[54] **POLYPEPTIDES CYCLIQUES, LEUR PROCEDE D'OBTENTION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] BRIDON, DOMINIQUE, US
[72] GOBRON, STEPHANE, FR
[71] NEURONAX, FR
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[54] **SUSPENSION ARRIERE POUR MOTONEIGE**
[72] VAISANEN, ESA, FI
[72] KORSUMAKI, MIKA, FI
[72] JARVINEN, PETTERI, FI
[72] MAHONEN, JOONAS, FI
[71] BRP FINLAND OY, FI
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[54] **DPEP-1 BINDING COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE LIAISON A DPEP-1 ET LEURS METHODES D'UTILISATION**
[72] ROBBINS, STEPHEN MARK, CA
[72] SENGER, DONNAL LORRAINE, CA
[72] RAHN, JENNIFER JOY, CA
[72] CHOUDHURY, SAURAV ROY, CA
[72] LAU, ARTHUR WING SZE, CA
[72] MURUVE, DANIEL ABRAHAM, CA
[71] ARCH BIOPARTNERS, INC., CA
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[54] **PROCEDE POUR LA FABRICATION D'UN PRODUIT EN ACIER COMPRENANT UNE ETAPE DE CARACTERISATION D'UNE COUCHE D'OXYDES SUR UN SUBSTRAT EN ACIER EN DEFILEMENT**
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[72] GLIJER, DAVID, FR
[71] ARCELORMITTAL, LU
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[54] **SUPPORTS D'IMPRESSION DE SECURITE ET LEUR PROCEDE DE FABRICATION**
[72] KEEN, ALAN, GB
[72] BAKER, MALCOLM, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE GENERATION DE PUISSANCE POUR VEHICULE**
[72] ROHERA, HEMANT KARAMCHAND, IN
[71] ROHERA, HEMANT KARAMCHAND, IN
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR IMAGE-GUIDED INSERTION OF IMPLANT DEVICES**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR L'INSERTION GUIDEE PAR L'IMAGE DE DISPOSITIFS D'IMPLANTS**
[72] HARRIS, CHAD TYLER, CA
[72] PIRON, CAMERON ANTHONY, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] STAINSBY, JEFF ALAN, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
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[54] **CHARNIERE POUR VOLETS ROULANTS, EN PARTICULIER DE CABINES DE DOUCHE**
[72] BRUN, GIANCARLO, IT
[71] MYPRO RESEARCH S.R.L., IT
[85] 2018-03-23
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[54] **RESEAUX DE CONSENSUS TEMPORAIRES DANS UN SYSTEME DE TRANSFERT DE RESSOURCE**
[72] THOMAS, STEFAN, US
[72] SCHWARTZ, EVAN, US
[71] RIPPLE LUXEMBOURG S.A., LU
[85] 2018-03-23
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[54] **COVERING ELEMENT**
[54] **ELEMENT DE REVETEMENT**
[72] WOLF, MATTHIAS, DE
[72] DAMIECKI, DAVID, DE
[72] PETERSEN, FRANK, DE
[71] PARADOR GMBH, DE
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[54] **COMPACTEUR A PERCUSSION**
[72] STROMSOE, ROGER ARNOLD, ZA
[71] STROMSOE, ROGER ARNOLD, ZA
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[25] EN
[54] **PREVENTING, TREATING, AND REDUCING (PERSISTENT) POST-TRAUMATIC HEADACHE**
[54] **PREVENTION, TRAITEMENT, ET DIMINUTION (PERSISTANCE) D'UNE CEPHALEE POST-TRAUMATIQUE**
[72] BIGAL, MARCELO, US
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
[85] 2018-03-23
[86] 2016-09-23 (PCT/IB2016/055720)
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[30] US (62/232,343) 2015-09-24
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[54] **SYSTEME FLUIDIQUE**
[72] GOODIER, STEVEN PAUL, GB
[72] TAYLOR, OLIVER PAUL, GB
[72] DAWSON, CHRISTOPHER, GB
[72] YEATS, BEN, GB
[71] CASTROL LIMITED, GB
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[25] EN
[54] **PRODUCING CALCIUM PHOSPHATE COMPOSITIONS**
[54] **PRODUCTION DE COMPOSITIONS DE PHOSPHATE DE CALCIUM**
[72] DE OLIVEIRA, LUPERCIO TARCISIO, BR
[71] CLEAN WORLD TECHNOLOGIES LTD., BS
[85] 2018-03-23
[86] 2016-09-26 (PCT/IB2016/055756)
[87] (WO2017/051399)
[30] US (62/232,999) 2015-09-25
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[25] EN
[54] **VEHICLE POWER SUPPLY CONTROL METHOD AND VEHICLE POWER SUPPLY CONTROL DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'ALIMENTATION EN ENERGIE DE VEHICULE**
[72] KOISHI, AKIFUMI, JP
[72] TAHARA, MASAHIKO, JP
[72] TEZUKA, ATSUSHI, JP
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] TSUCHIYA, TERUMASA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-23
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[51] **Int.Cl. F02D 9/02 (2006.01) F02B 31/00 (2006.01) F02D 11/10 (2006.01)**
[25] EN
[54] **VALVE CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE SOUPAPE**
[72] IIJIMA, KAZUKI, JP
[72] OOKI, OSAMU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-23
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[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01)**
[25] EN
[54] **TRAVEL CONTROL METHOD AND TRAVEL CONTROL APPARATUS**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT ET DISPOSITIF DE COMMANDE DE DEPLACEMENT**
[72] FUJITA, SUSUMU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-23
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[54] **PROCEDE DE COMMANDE DE DEPLACEMENT ET DISPOSITIF DE COMMANDE DE DEPLACEMENT**
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[72] MISHINA, YOHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **SYSTEM AND CORRESPONDING PROCESS FOR GLUING TOGETHER TWO COMPONENTS ON A VEHICLE-BODY ASSEMBLY LINE**
[54] **SYSTEME ET PROCEDE ASSOCIE DE COLLAGE DE DEUX COMPOSANTS SUR UNE LIGNE D'ASSEMBLAGE DE CARROSSERIE DE VEHICULE**
[72] ARDUINO, STEFANO, IT
[72] DI STEFANO, GIOVANNI, IT
[72] SERPI, VALERIA, IT
[71] COMAU S.P.A., IT
[85] 2018-03-23
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[54] **QUINOXALINE AND PYRIDOPYRAZINE DERIVATIVES AS PI3K.BETA. INHIBITORS**
[54] **DERIVES DE QUINOXALINE ET DE PYRIDOPYRAZINE A TITRE D'INHIBITEURS DE PI3K?**
[72] ANGIBAUD, PATRICK RENE, FR
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] BERTHELOT, DIDIER JEAN-CLAUDE, FR
[72] MEYER, CHRISTOPHE, FR
[72] WILLOT, MATTHIEU PHILIPPE VICTOR, DE
[72] MEERPOEL, LIEVEN, BE
[72] JOUSSEAUME, THIERRY FRANCOIS ALAIN JEAN, CH
[71] JANSSEN PHARMACEUTICA NV, BE
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[25] EN
[54] **ANTI-GARP ANTIBODY**
[54] **ANTICORPS ANTAGONISTE DE PREDOMINANCE DE REPETITIONS DE GLYCOPROTEINE-A (GARP)**
[72] SATOH, KAZUKI, JP
[72] HIRAHARA, KAZUKI, JP
[72] WATANABE, ICHIRO, JP
[72] AMANO, MASATO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **COMPOSITIONS COMPRISING TRITERPENOIDS**
[54] **COMPOSITIONS COMPRENANT DES TRITERPENOIDES**
[72] HAZAN, ZADIK, IL
[72] ADAMSKY, KONSTANTIN, IL
[72] LUCASSEN, ANDRE C. B., IL
[72] NOVAK, NURIT, IL
[71] REGENERA PHARMA LTD., IL
[85] 2018-03-23
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[54] **COMPOSITIONS COMPRISING TRITERPENOIDS**
[54] **COMPOSITIONS COMPRENANT DES TRITERPENOIDES**
[72] HAZAN, ZADIK, IL
[72] ADAMSKY, KONSTANTIN, IL
[72] LUCASSEN, ANDRE C. B., IL
[72] NOVAK, NURIT, IL
[71] REGENERA PHARMA LTD., IL
[85] 2018-03-23
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[30] US (62/222,976) 2015-09-24

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[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/13 (2014.01) H04N 19/523 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION**
[54] **APPAREIL ET PROCEDE DE COMPENSATION DE MOUVEMENT EN VIDEO**
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] STEPIN, VICTOR ALEXEEVICH, CN
[72] IKONIN, SERGEY YURIEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DATA TRANSMISSION CABLE WHICH CAN BE FABRICATED**
[54] **CABLE DE TRANSMISSION DE DONNEES POUVANT ETRE ASSEMBLE**
[72] BLAICH, WOLFGANG, DE
[72] KASPER, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-03-23
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[25] EN
[54] **APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION WITH SELECTABLE INTERPOLATION FILTER**
[54] **APPAREIL ET PROCEDE DE COMPENSATION DE MOUVEMENT EN VIDEO AVEC FILTRE D'INTERPOLATION SELECTIONNABLE**
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] STEPIN, VICTOR ALEXEEVICH, CN
[72] CHERNYAK, ROMAN IGOREVICH, CN
[72] IKONIN, SERGEY YURIEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MEASUREMENT SYSTEM AND TEMPERATURE AND/OR SHAPE CHANGE SENSOR USING BRILLOUIN BACK-REFLECTION ANALYSIS**
[54] **SYSTEME DE MESURE ET CAPTEUR DE TEMPERATURE ET/OU DE DEFORMATION PAR ANALYSE DE RETROREFLEXION BRILLOUIN**
[72] KHADOUR, AGHIAD, FR
[72] OUDAR, JEAN-LOUIS, FR
[71] INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX, FR
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[54] **METHOD FOR MONITORING A WIND TURBINE**
[54] **PROCEDE DE SURVEILLANCE D'UNE EOLIENNE**
[72] STOLTENJOHANNES, JURGEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **TRANSMISSION EN TEMPS QUASI REEL DE DONNEES DE PATIENT EN SERIE A DES SYSTEMES TIERS**
[72] LANCELOT, JEAN-FRANCOIS, US
[71] AIRSTRIP IP HOLDINGS, LLC, US
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[25] EN
[54] **SECURITY PRINT MEDIA AND METHOD OF MANUFACTURE THEREOF**
[54] **SUPPORTS D'IMPRESSION DE SECURITE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KEEN, ALAN, GB
[72] BAKER, MALCOLM, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[25] EN
[54] **DEVICES FOR WOUND CLOSURE**
[54] **DISPOSITIFS DE FERMETURE DE PLAIES**
[72] QUINTERO, JULIAN A., US
[71] ETHICON, LLC, US
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[54] **SECURITY PRINT MEDIA AND METHOD OF MANUFACTURE THEREOF**
[54] **DISPOSITIF D'IMPRESSION DE SECURITE ET SON PROCEDE DE FABRICATION**
[72] KEEN, ALAN, GB
[72] BAKER, MALCOLM, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[54] **MONOLITHIC REFRACTORY**
[54] **MATERIAU REFRACTAIRE MONOLITHIQUE**
[72] MATSUI, TSUYOSHI, JP
[72] GODA, KOJI, JP
[72] KOYAMA, ATSUNORI, JP
[72] SADATOMI, YOSHITAKA, JP
[72] NAKAMICHI, TSUBASA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[86] 2016-09-29 (PCT/JP2016/078806)
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[54] **GALVANIZED STEEL SHEET FOR HOT PRESSING AND METHOD FOR PRODUCING HOT PRESSED MOLDED ARTICLE**
[54] **TOLE D'ACIER GALVANISE POUR PRESSAGE A CHAUD ET PROCEDE DE PRODUCTION D'UN ARTICLE MOULE PRESSE A CHAUD**
[72] OTOMO, RYOSUKE, JP
[72] TAKEDA, MIKAKO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2018-03-23
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[54] **COMMANDE D'APPAREIL DE CHAUFFAGE POUR UN DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **IMPROVED CONTROL OF AN AIR DRYER DRAIN VALVE CYCLE**
[54] **AMELIORATION DE LA COMMANDE D'UN CYCLE DE ROBINET DE VIDANGE DE DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **SLEEP MODE FOR AN AIR DRYER**
[54] **MODE VEILLE POUR UN DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **SYSTEMS AND METHODS FOR CAPTURING AND INTERPRETING AUDIO**
[54] **SYSTEMES ET PROCEDES DE CAPTURE ET D'INTERPRETATION AUDIO**
[72] ESPARZA, TLACAELEL MIGUEL, US
[71] SUNHOUSE TECHNOLOGIES, INC., US
[85] 2018-03-23
[86] 2015-09-25 (PCT/US2015/052329)
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[54] **HERMAPHRODITIC SEALED POWER CONNECTOR FOR RAIL APPLICATIONS**
[54] **CONNECTEUR D'ALIMENTATION ETANCHE HERMAPHRODITE POUR APPLICATIONS FERROVIAIRES**
[72] SMAJDA, KENNETH J., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **JOINT DE SERTISSAGE ARTICULE POUR DISJONCTEUR A BOITIER MOULE**
[72] KOZAR, AARON T., US
[72] SLEPIAN, ROBERT M., US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[25] EN
[54] **SUBSEA PUMP SYSTEM**
[54] **SYSTEME DE POMPE SOUS-MARINE**
[72] SLATER, ROBIN, GB
[72] JOHNSTON, WILLIAM, US
[72] MITCHELL, IAN, US
[72] BARRY, ALEXANDER, US
[71] AKER SOLUTIONS INC., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2016-09-22 (PCT/NO2016/050193)
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[30] US (62/222,297) 2015-09-23

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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 35/16 (2015.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **GAL-1 VARIANTS HAVING IMMUNO-MODULATING PROPERTIES AND METHODS OF USING THE SAME**
[54] **VARIANTS DE GAL-1 PRESENTANT DES PROPRIETES IMMUNOMODULATRICES ET LEURS PROCEDES D'UTILISATION**
[72] RABINOVICH, GABRIEL ADRIAN, AR
[72] DI LELLA, SANTIAGO, DE
[72] ESTRIN, DARIO ARIEL, AR
[72] CARMELO, JULIO JAVIER, AR
[72] MENDEZ HUERGO, JULIO JAVIER, AR
[71] CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS, AR
[71] FUNDACION SALES, AR
[71] INIS BIOTECH LLC, US
[85] 2018-03-23
[86] 2016-04-21 (PCT/US2016/028604)
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[30] US (62/150,570) 2015-04-21
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[51] **Int.Cl. A63F 3/00 (2006.01) A63F 3/04 (2006.01) A63F 9/00 (2006.01) A63F 11/00 (2006.01)**
[25] EN
[54] **MODULAR ILLUSTRATION BOARD**
[54] **PLANCHE A ILLUSTRATION MODULAIRE**
[72] ROWE, JERRY JUSTIN, US
[71] GAMENIGHTLIFE, LLC, US
[85] 2018-03-23
[86] 2016-06-06 (PCT/US2016/036034)
[87] (WO2017/087030)
[30] US (14/946,533) 2015-11-19

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[51] **Int.Cl. H01B 7/285 (2006.01) H01B 7/18 (2006.01) H01B 7/28 (2006.01) H01B 7/38 (2006.01) H01B 13/14 (2006.01)**
[25] EN
[54] **PEELABLE CABLE JACKET HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING PEELABLE CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES**
[54] **GAINE DE CABLE PELABLE A MICROSTRUCTURES SUR MESURE ET PROCEDES DE FABRICATION DE GAINES DE CABLE PELABLES A MICROSTRUCTURES SUR MESURE**
[72] ESSEGHIR, MOHAMED, US
[72] HUANG, WENYI, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-23
[86] 2016-09-06 (PCT/US2016/050353)
[87] (WO2017/058471)
[30] US (62/233,628) 2015-09-28

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[25] EN
[54] **MIXTURE FOR PRODUCING ICE-CREAM**
[54] **MELANGE POUR LA PRODUCTION DE CREME GLACEE**
[72] LUSHNIKOV, SERGEI VALERIEVICH, RU
[72] SUVOROV, ALEKSANDR VALEREVICH, RU
[72] GORDOVA, RIMMA YUREVNA, RU
[72] SAMOILOVA, YULIYA GENNADEVNA, RU
[72] KALMYKOVA, ANNA IVANOVNA, RU
[72] SHUMSKII, VYACHESLAV VALERYANOVICH, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "FERMENT", RU
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[30] RU (2014138768) 2014-09-24

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[51] **Int.Cl. A61K 8/81 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SKIN CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS CUTANES**
[72] JOSHI, KINJALBAHEN, US
[72] ZENG, FANWEN, US
[72] COOPER, BETH, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-03-23
[86] 2016-08-24 (PCT/US2016/048257)
[87] (WO2017/058404)
[30] US (62/233,480) 2015-09-28

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[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/523 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION**
[54] **APPAREIL ET PROCEDE POUR UNE COMPENSATION DE MOUVEMENT VIDEO**
[72] IKONIN, SERGEY YURIEVICH, CN
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] STEPIN, VICTOR ALEXEEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[87] (WO2017/052405)

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[13] A1
[51] **Int.Cl. C09K 8/36 (2006.01) A61K 8/06 (2006.01)**
[25] EN
[54] **LOW SOLIDS OIL BASED WELL FLUID WITH PARTICLE-STABILIZED EMULSION**
[54] **FLUIDE DE PUITS A BASE D'HUILE A FAIBLE TENEUR EN MATIERES SOLIDES AYANT UNE EMULSION STABILISEE PAR DES PARTICULES**
[72] SHARMA, RAVI, US
[72] GRZYBEK, LUKASZ, GB
[72] HOWARD, SIV K., US
[71] CABOT SPECIALTY FLUIDS, INC., US
[85] 2018-03-23
[86] 2016-09-09 (PCT/US2016/050964)
[87] (WO2017/058492)
[30] US (62/234,054) 2015-09-29

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[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01)**
[25] EN
[54] **DIFFERENTIAL OUTPUT OF ANALOG MEMORIES STORING NANOPORE MEASUREMENT SAMPLES**
[54] **SORTIE DIFFERENTIELLE DE MEMOIRES ANALOGIQUES STOCKANT DES ECHANTILLONS DE MESURE DE NANOPORE**
[72] MANEY, BILL, US
[72] FERNANDEZ-GOMEZ, SANTIAGO, US
[72] TIAN, HUI, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-23
[86] 2016-09-20 (PCT/EP2016/072221)
[87] (WO2017/050719)
[30] US (14/864,395) 2015-09-24

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[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01)**
[25] EN
[54] **ADAPTIVE COMPRESSION AND MODIFICATION OF NANOPORE MEASUREMENT DATA**
[54] **COMPRESSION ADAPTATIVE ET MODIFICATION DE DONNEES DE MESURE RELATIVES A DES NANOPORES**
[72] HUA, TIAN, US
[72] FERNANDEZ-GOMEZ, SANTIAGO, US
[72] MANEY, BILL, US
[72] JAYALAKSHMI, RAJARAMAN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-23
[86] 2016-09-20 (PCT/EP2016/072223)
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[30] US (14/864,408) 2015-09-24

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[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01)**
[25] EN
[54] **BICYCLIC COMPOUND AND USE THEREOF FOR INHIBITING SUV39H2**
[54] **COMPOSE BICYCLIQUE ET SON UTILISATION POUR INHIBER SUV39H2**
[72] MATSUO, YO, JP
[72] HISADA, SHOJI, JP
[72] NAKAMURA, YUSUKE, JP
[72] CHAKRABARTI, ANJAN, SG
[72] RAWAT, MANISH, IN
[72] RAI, SANJAY, IN
[72] SATYANARAYANA, ARVAPALLI VENKATA, SG
[72] DUAN, ZHIYONG, SG
[72] TALUKDAR, ARINDAM, IN
[72] RAVULA, SRINIVAS, IN
[72] DECORNEZ, HELENE, US
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2018-03-23
[86] 2016-09-12 (PCT/US2016/051350)
[87] (WO2017/058503)
[30] US (62/234,183) 2015-09-29

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[51] **Int.Cl. C07D 249/14 (2006.01) A01N 43/653 (2006.01) A01N 43/713 (2006.01) A01N 43/824 (2006.01) A01N 43/832 (2006.01) C07D 257/06 (2006.01) C07D 271/08 (2006.01) C07D 271/113 (2006.01)**
[25] EN
[54] **ACYLATED N-(1,2,5-OXADIAZOLE-3-YL)-, N-(1,3,4-OXADIAZOLE-2-YL)-, N-(TETRAZOLE-5-YL)- AND N-(TRIAZOLE-5-YL)-ARYL CARBOXAMIDES, AND USE THEREOF AS HERBICIDES**
[54] **AMIDES ACYLES D'ACIDE N-(1,2,5-OXADIAZOL-3-YL)-, N-(1,3,4-OXADIAZOL-2-YL)-, N-(TETRAZOL-5-YL)- ET N-(TRIAZOL-5-YL)ARYLCARBOXYLIQUE ET LEUR UTILISATION COMME HERBICIDES**
[72] KOHN, ARNIM, DE
[72] BRAUN, RALF, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] AHRENS, HARTMUT, DE
[72] VAN ALMSICK, ANDREAS, DE
[72] LEHR, STEFAN, DE
[72] LINDELL, STEPHEN DAVID, DE
[72] DIETRICH, HANSJORG, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] GATZWEILER, ELMAR, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-03-23
[86] 2016-09-21 (PCT/EP2016/072345)
[87] (WO2017/055146)
[30] EP (15187024.3) 2015-09-28

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[13] A1
[51] **Int.Cl. B65G 17/08 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **HYBRID MODULAR BELT**
[54] **COURROIE MODULAIRE HYBRIDE**
[72] LUCCHI, MARCO, CH
[72] SIMMENDINGER, STEFAN, CH
[72] ELSNER, DIETMAR, DE
[72] VISCONTI, ENRICO, CH
[71] HABASIT AG, CH
[85] 2018-03-23
[86] 2016-09-21 (PCT/EP2016/072374)
[87] (WO2017/050800)
[30] US (14/866,819) 2015-09-25

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[13] A1
[51] **Int.Cl. G05F 3/02 (2006.01) H01H 9/04 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM WITH SMART DEVICES FOR HAZARDOUS ENVIRONMENTS**
[54] **SYSTEME DE COMMANDE AVEC DISPOSITIFS INTELLIGENTS POUR ENVIRONNEMENTS DANGEREUX**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] JAYAWARDENA, ADIKARAMGE ASIRI, US
[72] IANNCE, STEPHAN, US
[72] FREER, BENJAMIN AVERY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-03-23
[86] 2016-09-13 (PCT/US2016/051433)
[87] (WO2017/058506)
[30] US (14/867,764) 2015-09-28

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **APPLICATORS FOR GRIPPING URINARY CATHETERS AND CATHETER ASSEMBLIES INCLUDING THE SAME**
[54] **APPLICATEURS POUR SAISIR DES CATHETERS URINAIRES ET ENSEMBLES CATHETERS COMPRENANT CEUX-CI**
[72] KEARNS, BARBARA J., IE
[72] CREAVEN, MARTIN P., IE
[72] KNAUZ, DAVID A., US
[72] MARCH, DANIEL A., US
[71] HOLLISTER INCORPORATED, US
[85] 2018-03-23
[86] 2016-09-20 (PCT/US2016/052638)
[87] (WO2017/053279)
[30] US (62/232,973) 2015-09-25

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[13] A1
[51] **Int.Cl. D21C 11/06 (2006.01) B01D 1/00 (2006.01) C02F 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR STRIPPING VOLATILE ORGANIC COMPOUNDS FROM FOUL CONDENSATE**
[54] **SYSTEME ET PROCEDE D'EPURATION DE COMPOSES ORGANIQUES VOLATILES A PARTIR DE CONDENSAT VICIE**
[72] RUIZ, IVAN RAMOS, ES
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2018-03-23
[86] 2016-09-21 (PCT/US2016/052751)
[87] (WO2017/053342)
[30] ES (P201531368) 2015-09-24

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[13] A1
[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/0228 (2016.01) H01M 8/0273 (2016.01) H01M 8/0284 (2016.01) H01M 8/0286 (2016.01)**
[25] EN
[54] **BIPOLAR PLATE HAVING A POLYMERIC COATING**
[54] **PLAQUE BIPOLAIRE A REVETEMENT POLYMERE**
[72] VAN BOEYEN, ROGER, US
[71] NUVERA FUEL CELLS, LLC, US
[85] 2018-03-23
[86] 2016-09-21 (PCT/US2016/052811)
[87] (WO2017/053380)
[30] US (62/222,866) 2015-09-24

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[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) G21C 1/00 (2018.01)**
[25] EN
[54] **MEDICAL SOURCE OF NEUTRONS, NUCLEAR REACTOR FOR A MEDICAL NEUTRON SOURCE, AND METHOD OF APPLICATION OF A MEDICAL NEUTRON SOURCE.**
[54] **REACTEUR NUCLEAIRE POUR SOURCE MEDICALE DE NEUTRONS**
[72] DOROHOVICH, SERGEY LEONIDOVICH, RU
[72] KAZANSKIY, YURIY ALEKSEEVICH, RU
[72] KURACHENKO, YURIY ALEKSANDROVICH, RU
[72] LEBEDEV, LARION ALEKSANDROVICH, RU
[72] LEVCHENKO, VALERIY ALEKSEEVICH, RU
[72] LEVCHENKO, ALEKSANDR VALEREVICH, RU
[72] MATUSEVICH, EVGENIY SERGEEVICH, RU
[71] RESEARCH AND DEVELOPMENT CENTER FOR INNOVATIONS, RU
[85] 2018-03-23
[86] 2016-09-23 (PCT/RU2016/000641)
[87] (WO2017/052418)
[30] RU (2015140722) 2015-09-24

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[13] A1
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 11/04 (2006.01) B65B 11/06 (2006.01)**
[25] EN
[54] **STRETCH WRAPPING MACHINE WITH AUTOMATIC LOAD PROFILING**
[54] **MACHINE D'EMBALLAGE SOUS FILM ETIRABLE A ETABLISSEMENT DE PROFIL DE CHARGE AUTOMATIQUE**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[71] LANTECH.COM, LLC, US
[85] 2018-03-23
[86] 2016-09-22 (PCT/US2016/053165)
[87] (WO2017/053603)
[30] US (62/232,915) 2015-09-25

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[13] A1
[51] **Int.Cl. B65B 11/04 (2006.01) B65B 9/087 (2012.01) G01G 23/01 (2006.01)**
[25] EN
[54] **STRETCH WRAPPING MACHINE WITH AUTOMATED DETERMINATION OF LOAD STABILITY BY SUBJECTING A LOAD TO A DISTURBANCE**
[54] **MACHINE D'EMBALLAGE PAR ETIRAGE AVEC DETERMINATION AUTOMATIQUE DE STABILITE DE CHARGE PAR LE FAIT DE SOUMETTRE UNE CHARGE A UNE PERTURBATION**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[71] LANTECH.COM, LLC, US
[85] 2018-03-23
[86] 2016-09-22 (PCT/US2016/053171)
[87] (WO2017/053608)
[30] US (62/232,915) 2015-09-25

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[13] A1
[51] **Int.Cl. A61G 5/06 (2006.01) A61G 5/04 (2013.01) A61G 5/10 (2006.01)**
[25] EN
[54] **MOBILITY ENHANCEMENT WHEELCHAIR**
[54] **FAUTEUIL ROULANT AMELIORANT LA MOBILITE**
[72] WANG, HONGWU, US
[72] COOPER, RORY ALAN, US
[72] CHUNG, CHENG-SHIU, US
[72] CANDIOTTI, JORGE LUIS, US
[72] GRINDLE, GARRETT G., US
[72] PEARLMAN, JONATHAN L., US
[72] DAVELER, BRANDON JOSEPH, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053287)
[87] (WO2017/053689)
[30] US (62/232,550) 2015-09-25

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[13] A1
[51] **Int.Cl. C08G 18/76 (2006.01) C08G 18/18 (2006.01) C08G 18/40 (2006.01) C08G 18/48 (2006.01) C08G 18/63 (2006.01)**
[25] EN
[54] **HIGH-RESILIENCY POLYURETHANE FOAM**
[54] **MOUSSE DE POLYURETHANE A HAUTE RESILIENCE**
[72] ROH, YEONSUK K., US
[72] WUJCIK, STEVEN E., US
[71] BASF SE, DE
[85] 2018-03-23
[86] 2016-09-19 (PCT/US2016/052490)
[87] (WO2017/058551)
[30] US (62/234,363) 2015-09-29

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[13] A1
[51] **Int.Cl. C07F 15/00 (2006.01) C08F 4/80 (2006.01) C08G 61/06 (2006.01) C08G 61/08 (2006.01)**
[25] EN
[54] **METAL CARBENE OLEFIN METATHESIS CATALYSTS**
[54] **CATALYSEURS DE METATHESE D'OLEFINES DE TYPE CARBENE METALLIQUE**
[72] GIARDELLO, MICHAEL A., US
[72] TRIMMER, MARK S., US
[72] WANG, LI-SHENG, US
[72] DUFFY, NOAH H., US
[72] JOHNS, ADAM M., US
[72] RODAK, NICHOLAS J., US
[72] FIAMENGO, BRYAN A., US
[72] PHILLIPS, JOHN H., US
[71] MATERIA, INC., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053288)
[87] (WO2017/053690)
[30] US (62/222,989) 2015-09-24

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[13] A1
[51] **Int.Cl. G01N 21/3563 (2014.01) E02D 1/04 (2006.01) G01J 3/12 (2006.01) G01N 21/17 (2006.01) G01N 33/24 (2006.01) G06T 7/40 (2017.01)**
[25] EN
[54] **ESTIMATING INTRA-FIELD PROPERTIES WITHIN A FIELD USING HYPERSPECTRAL REMOTE SENSING**
[54] **ESTIMATION DE PROPRIETES INTRA-CHAMP DANS UN CHAMP GRACE A UNE DETECTION HYPERSPECTRALE A DISTANCE**
[72] XIANG, HAITAO, US
[72] YANG, XIANYUAN, US
[72] KOSHNICK, NICK, US
[72] CISEK, NICK, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-03-23
[86] 2016-09-20 (PCT/US2016/052622)
[87] (WO2017/053273)
[30] US (14/866,160) 2015-09-25

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 16/08 (2006.01) C07K 16/18 (2006.01) C07K 16/42 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHODS FOR ASSESSING SENSITIVITY AND SPECIFICITY OF ANTIBODY DETECTION REAGENTS**
[54] **COMPOSITION ET METHODES POUR EVALUER LA SENSIBILITE ET LA SPECIFICITE DE REACTIFS DE DETECTION D'ANTICORPS**
[72] ZIMRING, JAMES CHARLES, US
[71] BLOODWORKS, US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053311)
[87] (WO2017/053703)
[30] US (62/232,310) 2015-09-24
[30] US (62/368,069) 2016-07-28

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **METHOD TO DETERMINE A PLANAR SURFACE FOR UNMANNED AERIAL VEHICLE DESCENT**
[54] **PROCEDE DE DETERMINATION DE SURFACE PLANE PERMETTANT UNE DESCENTE DE VEHICULE AERIEN SANS PILOTE**
[72] HARRIS, SCOTT RAYMOND, US
[72] SAFARIK, STEPHEN THOMAS, US
[72] VIOLA, PAUL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-23
[86] 2016-09-22 (PCT/US2016/053198)
[87] (WO2017/053627)
[30] US (14/863,873) 2015-09-24

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[13] A1
[51] **Int.Cl. F01M 11/04 (2006.01)**
[25] EN
[54] **FLUID METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME A FLUIDE**
[72] BUTTERWORTH, DONALD, US
[72] CADIGAN, DANIEL, US
[72] ROSANIO, WILLIAM, US
[71] CASTROL LIMITED, GB
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053371)
[87] (WO2017/053750)
[30] GB (1516864.4) 2015-09-23

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[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/40 (2012.01) G07F 19/00 (2006.01)**
[25] EN
[54] **CASINO CASH SYSTEM, APPARATUS AND METHOD UTILIZING INTEGRATED CIRCUIT CARDS**
[54] **SYSTEME, APPAREIL ET PROCEDE D'ENCAISSEMENT POUR CASINO UTILISANT DES CARTES A PUCE**
[72] RICHARDS, TIMOTHY, US
[72] BALTZELL, DALE, US
[72] SULLIVAN, BRIAN T., US
[71] EVERI PAYMENTS INC., US
[85] 2018-03-23
[86] 2016-09-22 (PCT/US2016/053205)
[87] (WO2017/053633)
[30] US (62/233,089) 2015-09-25
[30] US (15/047,198) 2016-02-18

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[13] A1
[51] **Int.Cl. F01M 11/04 (2006.01)**
[25] EN
[54] **FLUID METHOD AND SYSTEM**
[54] **PROCEDE ET CIRCUIT DE FLUIDE**
[72] CADIGAN, DANIEL JOSEPH, US
[72] ROSANIO, WILLIAM, US
[72] BUTTERWORTH, DONALD, US
[71] CASTROL LIMITED, GB
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053377)
[87] (WO2017/053755)
[30] GB (1516860.2) 2015-09-23

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[13] A1
[51] **Int.Cl. B41F 33/02 (2006.01) B41F 13/02 (2006.01) B41F 33/00 (2006.01) B65H 23/188 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES, AND METHODS FOR MARKING A MOVING FILM AND METHODS OF MANUFACTURE AND USE OF METALLIZED MARKED FILMS MADE THEREFROM**
[54] **SYSTEMES, APPAREILS ET PROCEDES POUR MARQUER UN FILM EN MOUVEMENT, ET PROCEDES DE FABRICATION ET D'UTILISATION DE FILMS MARQUES METALLISES REALISES A L'AIDE DE CES DERNIERS**
[72] BARLOW, WILLIAM J., JR., US
[72] BOEKELOO, JEFFREY, US
[72] BUMGARDNER, JOHN, US
[72] TAYLOR, TIMOTHY, US
[71] PRINTPACK ILLINOIS, INC., US
[85] 2018-03-23
[86] 2016-08-24 (PCT/US2016/048310)
[87] (WO2017/052913)
[30] US (62/232,514) 2015-09-25

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[13] A1
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/13 (2014.01) H04N 19/33 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **ADAPTIVE SHARPENING FILTER FOR PREDICTIVE CODING**
[54] **FILTRE D'AMELIORATION DE LA NETTETE ADAPTATIF POUR UN CODAGE PREDICTIF**
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] STEPIN, VICTOR ALEXEEVICH, CN
[72] IKONIN, SERGEY YURIEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-03-23
[86] 2015-09-25 (PCT/RU2015/000612)
[87] (WO2017/052407)

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[13] A1
[51] **Int.Cl. A61B 6/04 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **WEARABLE MEDICAL DETECTOR**
[54] **DETECTEUR MEDICAL PORTATIF**
[72] VERMA, AJAY, US
[72] HOPPIN, JOHN WILLIAM, US
[72] SCHMIDT, KARL F., US
[72] BOBER, MARISA J., US
[72] CABOT, VICTORIA, US
[72] HILLIARD, COURTNEY D., US
[72] KNAIAN, ARA N., US
[72] NEWBURG, SETH O., US
[71] BIOGEN MA INC., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053428)
[87] (WO2017/053788)
[30] US (62/232,873) 2015-09-25

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/34 (2006.01) A61F 9/00 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **DYNAMIC SUPPORT FOR OPHTHALMIC DEVICE**
[54] **SUPPORT DYNAMIQUE POUR DISPOSITIF OPHTALMIQUE**
[72] RYAN, EDWIN, US
[71] RYAN, EDWIN, US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053492)
[87] (WO2017/053832)
[30] US (62/232,898) 2015-09-25

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[13] A1
[51] **Int.Cl. A41D 27/20 (2006.01) H04W 4/12 (2009.01)**
[25] EN
[54] **SENDING MESSAGES WIRELESSLY FROM A GARMENT**
[54] **ENVOI DE MESSAGES SANS FIL A PARTIR D'UN VETEMENT**
[72] HIRSCHBERG, ALEXANDER BENJAMIN, US
[72] WINTON, MICHAEL STEPHEN, US
[71] IWEAR HOLDINGS CORP., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053415)
[87] (WO2017/053780)
[30] US (62/222,448) 2015-09-23
[30] US (15/274,345) 2016-09-23

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/03 (2006.01) G01F 1/00 (2006.01) G01F 1/10 (2006.01) G01F 1/68 (2006.01) G01F 3/06 (2006.01) G01F 23/00 (2006.01)**
[25] EN
[54] **HYDRATION MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'HYDRATATION**
[72] JEUKENDRUP, ASKER, US
[72] KOVACS, MARK, US
[72] ANDERSON, ANDREW, US
[72] CARTER, JAMES, US
[72] ROLLO, IAN, US
[72] YEP, GREGORY, US
[72] LINTOTT, ANDREW, GB
[72] MILLAR, NICOLA, GB
[72] MILNER, ROBERT, GB
[71] PEPSICO, INC., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053431)
[87] (WO2017/053790)
[30] US (14/866,497) 2015-09-25

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[13] A1
[51] **Int.Cl. H01F 7/06 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **NESTED MAGNETIC CONTROLS FOR INDUSTRIAL ENCLOSURES**
[54] **COMMANDES MAGNETIQUES IMBRIQUEES POUR ENCEINTES INDUSTRIELLES**
[72] FREER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P., US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/26 (2006.01) F03G 4/00 (2006.01) F03G 7/04 (2006.01)**
[25] EN
[54] **GEOTHERMAL HEAT HARVESTERS**
[54] **EXTRACTEURS DE CHALEUR GEOTHERMIQUE**
[72] MONCARZ, PIOTR D., US
[72] KOLBE, WALTER R., US
[72] RYAN, KEANEN, US
[72] CAPUANO, LOUIS, E., JR., US
[71] GEOTHERMIC SOLUTION, LLC, US
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[25] EN
[54] **AUTOMATED GROUND FAULT INTERRUPT TESTER**
[54] **TESTEUR D'INTERRUPTION AUTOMATIQUE DE DEFAUT DE MISE A LA TERRE**
[72] FREER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P., US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[86] 2016-09-23 (PCT/US2016/053544)
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[51] **Int.Cl. A23L 7/126 (2016.01) A23G 3/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF FORMING SINGLE SERVE EDIBLE FOOD BAR**
[54] **SYSTEMES ET PROCEDES DE FORMATION DE BARRE ALIMENTAIRE COMESTIBLE MONO-PORTION**
[72] LEUSNER, STEVE, US
[71] BARTENDR VENTURES LLC, US
[71] LEUSNER, STEVE, US
[85] 2018-03-23
[86] 2016-09-26 (PCT/US2016/053747)
[87] (WO2017/053954)
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[51] **Int.Cl. G10H 1/32 (2006.01) G11B 21/08 (2006.01) H03M 1/12 (2006.01)**
[25] EN
[54] **TACTILATED ELECTRONIC MUSIC SYSTEMS FOR SOUND GENERATION**
[54] **SYSTEMES DE MUSIQUE ELECTRONIQUE TACTILES POUR GENERATION DE SON**
[72] OSBORN, OWEN, US
[72] KUCINSKI, CHRISTOPHER, US
[71] OSBORN, OWEN, US
[71] KUCINSKI, CHRISTOPHER, US
[85] 2018-03-23
[86] 2016-09-25 (PCT/US2016/053634)
[87] (WO2017/053928)
[30] US (62/232,649) 2015-09-25

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[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC DISTILLATION OF CONCEPTS FROM MATH PROBLEMS AND DYNAMIC CONSTRUCTION AND TESTING OF MATH PROBLEMS FROM A COLLECTION OF MATH CONCEPTS**
[54] **SYSTEMES ET PROCEDES DE DISTILLATION AUTOMATIQUES DE CONCEPTS A PARTIR DE PROBLEMES MATHEMATIQUES ET CONSTRUCTION ET TEST DYNAMIQUES DE PROBLEMES MATHEMATIQUES A PARTIR D'UN ENSEMBLE DE CONCEPTS MATHEMATIQUES**
[72] CROUSE, MARK S., US
[72] GEY, FREDRIC C., US
[72] LIGOCKI, TERRY J., US
[71] VALUECORP PACIFIC, INCORPORATED, US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053594)
[87] (WO2017/053901)
[30] US (62/222,591) 2015-09-23
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[25] EN
[54] **REMOTE SENSING TO DERIVE CALIBRATED POWER MEASUREMENTS**
[54] **TELEDETECTION PERMETTANT DE DERIVER DES MESURES DE PUISSANCE ETALONNEES**
[72] MARSHALL, ROBERT S., US
[72] HECKMAN, STAN, US
[72] LIU, CHONGLIN, US
[72] SLOOP, CHRISTOPHER DALE, US
[72] BIXLER, DONNIE, US
[72] STICKELS, SCOTT, US
[72] STICKELS, EMILY, US
[71] EARTH NETWORKS, INC., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053558)
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[30] US (62/232,278) 2015-09-24

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[51] **Int.Cl. G01N 33/566 (2006.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT PROCESS FOR T-CELL RECEPTOR TARGET IDENTIFICATION OF NATIVELY-PAIRED T-CELL RECEPTOR SEQUENCES**
[54] **PROCEDE A HAUT DEBIT POUR L'IDENTIFICATION CIBLEE DE SEQUENCES DE RECEPTEURS DE LYMPHOCYTES T NATURELLEMENT APPARIEES**
[72] VIGNEAULT, FRANCOIS, US
[72] WRANGHAM BRIGGS, ADRIAN, US
[72] GOLDFLESS, STEPHEN J., US
[72] BELMONT, BRIAN J., US
[71] ABVITRO LLC, US
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[86] 2016-09-23 (PCT/US2016/053595)
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[30] US (62/232,511) 2015-09-25

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **SINGLE AMPLICON ACTIVATED EXCLUSION PCR**
[54] **ACP PAR EXCLUSION ACTIVEE A PRODUIT D'AMPLIFICATION UNIQUE**
[72] VIGNEAULT, FRANCOIS, US
[72] BRIGGS, ADRIAN WRANGHAM, US
[72] GOLDFLESS, STEPHEN J., US
[72] BELMONT, BRIAN J., US
[71] ABVITRO LLC, US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053596)
[87] (WO2017/053903)
[30] US (62/232,300) 2015-09-24

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[51] **Int.Cl. F23B 30/02 (2006.01) F23B 30/00 (2006.01) F23B 60/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR AGITATING FUEL WITHIN A HEAT EXCHANGER**
[54] **SYSTEME POUR AGITER DU CARBURANT A L'INTERIEUR D'UN ECHANGEUR DE CHALEUR**
[72] BRAZIER, DENNIS, US
[72] REESE, MARK, US
[71] CENTRAL BOILER, INC., US
[85] 2018-03-23
[86] 2016-09-23 (PCT/US2016/053584)
[87] (WO2017/053894)
[30] US (14/865,423) 2015-09-25

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **AFFINITY-OLIGONUCLEOTIDE CONJUGATES AND USES THEREOF**
[54] **CONJUGES AFFINITE-OLIGONUCLEOTIDE ET LEURS UTILISATIONS**
[72] VIGNEAULT, FRANCOIS, US
[72] BRIGGS, ADRIAN WRANGHAM, US
[72] GOLDFLESS, STEPHEN J., US
[72] BELMONT, BRIAN J., US
[71] ABVITRO LLC, US
[85] 2018-03-23
[86] 2016-09-24 (PCT/US2016/053598)
[87] (WO2017/053905)
[30] US (62/232,209) 2015-09-24

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[13] A1
[51] **Int.Cl. B25B 27/16 (2006.01) B25B 27/00 (2006.01)**
[25] EN
[54] **ORIFICE PLATE CENTERING TOOL**
[54] **OUTIL DE CENTRAGE DE PLAQUE A ORIFICE**
[72] KENYON, NATHANIEL KIRK, US
[71] DIETERICH STANDARD, INC., US
[85] 2018-03-23
[86] 2016-09-26 (PCT/US2016/053678)
[87] (WO2017/058701)
[30] US (62/233,623) 2015-09-28
[30] US (15/270,093) 2016-09-20

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 19/18 (2011.01) G06F 19/26 (2011.01)**
[25] EN
[54] **METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING BIOLOGICAL DATA**
[54] **PROCEDE, APPAREIL ET PRODUIT PROGRAMME D'ORDINATEUR PERMETTANT D'ANALYSER DES DONNEES BIOLOGIQUES**
[72] SPETZLER, DAVID, US
[72] HE, QUANYUAN, US
[72] XIAO, NIANQING, US
[71] CARIS SCIENCE, INC., US
[85] 2018-03-23
[86] 2016-09-24 (PCT/US2016/053614)
[87] (WO2017/053915)
[30] US (62/232,345) 2015-09-24
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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C07K 16/32 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **ENHANCED GENE DELIVERY TO NATURAL KILLER CELLS, HEMATOPOIETIC STEM CELLS AND MACROPHAGES**
[54] **ADMINISTRATION AMELIOREE DE GENES DANS DES CELLULES TUEUSES NATURELLES, DES CELLULES SOUCHES HEMATOPOIETIQUES ET DES MACROPHAGES**
[72] ALICI, EVREN, SE
[72] DURU, ADIL, US
[72] SUTLU, TOLGA, TR
[71] VYCELLIX, INC., US
[85] 2018-03-23
[86] 2016-09-30 (PCT/US2016/054618)
[87] (WO2017/059177)
[30] US (62/235,427) 2015-09-30

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[13] A1
[51] **Int.Cl. H04N 21/214 (2011.01) H04N 21/61 (2011.01) H04N 21/63 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENABLING COMMUNICATIONS BETWEEN DEVICES**
[54] **PROCEDES ET SYSTEMES POUR PERMETTRE LA COMMUNICATION ENTRE DES DISPOSITIFS**
[72] ZERR, DERIN MICHAEL, US
[72] ZDEPSKI, JOEL WALTER, US
[72] MARKO, SHAUN EUGENE, US
[72] SCHROEDER, CHAD J., US
[72] ANDERSON, ANDY LOREN, US
[72] WOLLMANN, CHRISTOPHER PAUL, US
[71] SONIFI SOLUTIONS, INC., US
[85] 2018-03-23
[86] 2016-09-30 (PCT/US2016/054897)
[87] (WO2017/059307)
[30] US (62/235,112) 2015-09-30
[30] US (62/245,146) 2015-10-22
[30] US (62/308,442) 2016-03-15

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) G05D 22/02 (2006.01) G12B 9/02 (2006.01)**
[25] EN
[54] **MOISTURE CONTROL SYSTEMS FOR ELECTRICAL ENCLOSURES**
[54] **SYSTEMES DE REGULATION D'HUMIDITE DESTINES A DES ENVELOPPES DE PROTECTION ELECTRIQUES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] TAYLOR, JESSE WADE, US
[72] FREER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P., US
[72] ALDRICH, ALVAH B., US
[72] LEDGERWOOD, ADAM DOUGLAS, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-03-23
[86] 2016-09-28 (PCT/US2016/054180)
[87] (WO2017/058916)
[30] US (62/233,837) 2015-09-28

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[13] A1
[51] **Int.Cl. G21C 1/02 (2006.01) G21C 7/22 (2006.01) G21C 7/27 (2006.01) G21C 11/06 (2006.01)**
[25] EN
[54] **NEUTRON REFLECTOR ASSEMBLY FOR DYNAMIC SPECTRUM SHIFTING**
[54] **ENSEMBLE REFLECTEUR DE NEUTRONS POUR UNE DEVIATION SPECTRALE DYNAMIQUE**
[72] CISNEROS, ANSELMO T., JR., US
[72] FREEMAN, CHARLES GREGORY, US
[72] JOHNS, CHRISTOPHER J., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[71] TERRAPOWER, LLC, US
[85] 2018-03-23
[86] 2016-09-30 (PCT/US2016/055001)
[87] (WO2017/059360)
[30] US (62/234,889) 2015-09-30
[30] US (62/337,235) 2016-05-16

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[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) H01H 9/04 (2006.01)**
[25] EN
[54] **POWER AND DATA TRANSMISSION BETWEEN EXPLOSION PROOF DEVICES AND INTRINSICALLY SAFE DEVICES**
[54] **TRANSMISSION D'ENERGIE ET DE DONNEES ENTRE DISPOSITIFS ANTIDEFLAGRANTS ET DISPOSITIFS A SECURITE INTRINSEQUE**
[72] FREER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P., US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-03-23
[86] 2016-09-28 (PCT/US2016/054225)
[87] (WO2017/058946)
[30] US (62/233,801) 2015-09-28
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[13] A1
[51] **Int.Cl. G06Q 99/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCT AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION DE PRODUITS**
[72] VAYSMAN, ARTHUR, US
[72] MOODLEY, VANINTHERAN, US
[71] AINTU INC., US
[85] 2018-03-23
[86] 2016-09-30 (PCT/US2016/055061)
[87] (WO2017/059391)
[30] US (62/234,659) 2015-09-30

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[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/496 (2006.01)**
[25] EN
[54] **METHOD OF TREATING MALIGNANT RHABDOID TUMOR OF THE OVARY (MRTO)/SMALL CELL CANCER OF THE OVARY OF THE HYPERCALCEMIC TYPE (SCCOHT) WITH AN EZH2 INHIBITOR**
[54] **METHODE DE TRAITEMENT D'UNE TUMEUR RHABDOIDE MALIGNE DE L'OVAIRE (MRTO)/CANCER A PETITES CELLULES DE L'OVAIRE DU TYPE HYPERCALCEMIQUE (SCCOHT) AVEC UN INHIBITEUR D'EZH2**
[72] KEILHACK, HEIKE, US
[71] EPIZYME, INC., US
[85] 2018-03-23
[86] 2016-09-26 (PCT/US2016/053673)
[87] (WO2017/053930)
[30] US (62/233,146) 2015-09-25
[30] US (62/252,188) 2015-11-06

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[13] A1
[51] **Int.Cl. H04Q 9/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR COMMISSIONING AND MAINTAINING INDUSTRIAL EQUIPMENT**
[54] **SYSTEME ET PROCEDES DE MISE EN SERVICE ET DE MAINTENANCE D'UN EQUIPEMENT INDUSTRIEL**
[72] IANNCE, STEPHAN P., US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-03-23
[86] 2016-09-28 (PCT/US2016/054228)
[87] (WO2017/058948)
[30] US (62/233,503) 2015-09-28
[30] US (62/233,943) 2015-09-28

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[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01) C22C 21/06 (2006.01) C22C 21/08 (2006.01) C22C 21/10 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01) C22F 1/05 (2006.01) C22F 1/053 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **A PROCESS FOR WARM FORMING A HARDENED ALUMINUM ALLOY**
[54] **CETTE INVENTION CONCERNE UN PROCEDE DE FORMAGE A CHAUD D'UN ALLIAGE D'ALUMINIUM DURCI**
[72] BASSI, CORRADO, CH
[72] COMBAZ, ETIENNE, CH
[72] DESPOIS, AUDE, CH
[72] ROMAIN, PASQUIER, CH
[72] FUMEAUX, MAUDE, CH
[72] RICHARD, JULIE, CH
[71] NOVELIS INC., US
[85] 2018-03-23
[86] 2016-10-05 (PCT/US2016/055415)
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[30] US (62/239,008) 2015-10-08

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **VIRTUAL CHECKOUT COUNTER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMPTEUR D'ENCAISSEMENT VIRTUEL**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2018-03-23
[86] 2016-10-03 (PCT/US2016/055233)
[87] (WO2017/059460)
[30] US (62/236,107) 2015-10-01

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/20 (2011.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENRICHMENT OF AMPLIFICATION PRODUCTS**
[54] **PROCEDES ET COMPOSITIONS POUR ENRICHISSEMENT DE PRODUITS D'AMPLIFICATION**
[72] WENG, LI, US
[72] LIN, SHENGRONG, US
[72] TANG, LING FUNG, US
[71] ACCURAGEN HOLDINGS LIMITED, KY
[85] 2018-03-23
[86] 2016-10-07 (PCT/US2016/056126)
[87] (WO2017/062863)
[30] US (62/239,690) 2015-10-09

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **PLANT EPSP SYNTHASES AND METHODS OF USE**
[54] **EPSP SYNTHASES VEGETALES ET PROCEDES D'UTILISATION**
[72] DONG, YUXIA, US
[72] LASSNER, MICHAEL, US
[72] LU, JIAN, US
[72] NG, EMILY, US
[72] PATTEN, PHILLIP A., US
[72] SIEHL, DANIEL, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-03-23
[86] 2016-09-29 (PCT/US2016/054399)
[87] (WO2017/059045)
[30] US (62/234,818) 2015-09-30

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 36/24 (2009.01) H04W 36/30 (2009.01) H04B 7/195 (2006.01) H04W 84/06 (2009.01) H04B 17/336 (2015.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTER-SATELLITE HANDOVERS IN LOW-EARTH ORBIT (LEO) SATELLITE SYSTEMS**
[54] **PROCEDE ET APPAREIL DE TRANSFERTS ENTRE SATELLITES DANS DES SYSTEMES DE SATELLITES EN ORBITE BASSE (LEO)**
[72] ASHRAFI, SEYED SHWAN, US
[72] NAGARAJA, SUMEETH, US
[72] VASSILOVSKI, DAN, US
[72] ZHANG, DAN, US
[72] DETERMAN, JAMES, US
[72] MARSH, GENE WESLEY, US
[72] MA, JUN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-23
[86] 2016-10-07 (PCT/US2016/055981)
[87] (WO2017/123292)
[30] US (62/241,002) 2015-10-13
[30] US (62/241,622) 2015-10-14
[30] US (15/149,008) 2016-06-05

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[13] A1
[51] **Int.Cl. A61B 17/10 (2006.01)**
[25] EN
[54] **ENDOSCOPIC REPOSABLE SURGICAL CLIP APPLIER**
[54] **APPLICATEUR ENDOSCOPIQUE D'AGRAFES CHIRURGICALES A NOMBRE D'UTILISATIONS LIMITE**
[72] ZHANG, ZHIHUA, CN
[72] HU, ENCHENG ANTHONY, CN
[71] COVIDIEN LP, US
[85] 2018-03-26
[86] 2015-11-10 (PCT/CN2015/094172)
[87] (WO2017/079890)

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[13] A1
[51] **Int.Cl. A61B 17/128 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ENDOSCOPIC REPOSABLE SURGICAL CLIP APPLIER**
[54] **APPLICATEUR ENDOSCOPIQUE D'AGRAFES CHIRURGICALES A NOMBRE D'UTILISATIONS LIMITE**
[72] CAI, LONGSHENG, CN
[72] XU, SHUNHONG, CN
[72] CHEN, LIN, CN
[71] COVIDIEN LP, US
[85] 2018-03-26
[86] 2015-11-10 (PCT/CN2015/094195)
[87] (WO2017/079895)

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[13] A1
[51] **Int.Cl. A61L 2/12 (2006.01) A61L 2/18 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR STERILIZING AND/OR DEIMMUNIZING AN OBJECT**
[54] **SYSTEME ET PROCEDE POUR STERILISER ET/OU DESIMMUNISER UN OBJET**
[72] STAID, KEVIN, US
[72] ERICKSON, JOHN, US
[72] O'KEEFE, THERESA L., US
[71] ONEIGHTY°C TECHNOLOGIES CORPORATION, US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053259)
[87] (WO2017/053668)
[30] US (62/232,055) 2015-09-24

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[13] A1
[51] **Int.Cl. A61K 35/50 (2015.01) A61K 38/17 (2006.01)**
[25] EN
[54] **UMBILICAL TISSUE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE TISSU OMBILICAL ET PROCEDES D'UTILISATION**
[72] DANILKOVITCH, ALLA, US
[72] DUAN-ARNOLD, YI, US
[72] MOORMAN, MATTHEW, US
[72] LERCH, ANNE, US
[72] KUANG, JIN-QIANG, US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053309)
[87] (WO2017/053701)
[30] US (62/222,446) 2015-09-23

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **FRACTURING BALL RETRIEVAL DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE BILLES DE FRACTURATION**
[72] SULLIVAN, CARY JAMES, US
[71] BAKKEN BALL RETRIEVAL, LLC, US
[85] 2018-03-22
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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANDROGEN RECEPTOR VARIANT 7 AS A BIOMARKER FOR TREATMENT SELECTION IN PATIENTS WITH METASTATIC CASTRATION RESISTANT PROSTATE CANCER (MCRPC)**
[54] **UTILISATION DE LA VARIANTE 7 DU RECEPTEUR AUX ANDROGENES COMME BIOMARQUEUR POUR LA SELECTION THERAPEUTIQUE DE PATIENTS ATTEINTS D'UN CANCER METASTATIQUE DE LA PROSTATE RESISTANT A LA CASTRATION (CPRCM)**
[72] DITTAMORE, RYAN, US
[71] EPIC SCIENCES, INC., US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053387)
[87] (WO2017/053763)
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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C07K 14/16 (2006.01) C12N 15/867 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR RNA-GUIDED TREATMENT OF HIV INFECTION**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT GUIDE PAR ARN DE L'INFECTION PAR LE VIH**
[72] KHALILI, KAMEL, US
[72] HU, WENHUI, US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053413)
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[25] EN
[54] **GLOVE WITH OPTIMIZED SAFETY MARKINGS**
[54] **GANT AVEC MARQUAGES DE SECURITE OPTIMISES**
[72] NACION, MARKHAM, US
[72] JAEGER, ERIC MATTHEW, US
[72] NORFOLK, PHILIP SHAWN, US
[71] BRIGHTON-BEST INTERNATIONAL, INC., US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053459)
[87] (WO2017/053809)
[30] US (62/233,210) 2015-09-25
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[51] **Int.Cl. A41D 13/018 (2006.01) B60R 21/261 (2011.01) B60R 21/16 (2006.01) B60R 21/217 (2011.01) B60R 21/239 (2006.01) B60R 21/26 (2011.01)**
[25] EN
[54] **NOISE SUPPRESSION DEVICE FOR A PERSONAL IMPACT PROTECTION SYSTEM**
[54] **DISPOSITIF DE SUPPRESSION DE BRUIT POUR UN SYSTEME DE PROTECTION PERSONNEL CONTRE LES CHOCS**
[72] BUCKMAN, ROBERT F., US
[72] LAKATOS, DREW, US
[72] PERRY, DAVID, US
[72] SCHOON, DAVID, US
[72] SINGHATAT, WAMIS, US
[72] WENDEROTH, JON, US
[71] ACTIVE PROTECTIVE TECHNOLOGIES, INC., US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053475)
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[30] US (62/232,872) 2015-09-25

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[51] **Int.Cl. F28C 1/00 (2006.01) F24F 3/14 (2006.01) F24F 7/007 (2006.01) F28B 5/00 (2006.01)**
[25] EN
[54] **HYBRID WET/DRY COOLING TOWER AND IMPROVED FILL MATERIAL FOR COOLING TOWER**
[54] **TOUR DE REFROIDISSEMENT HYBRIDE HUMIDE/SECHE ET GARNITURE AMELIOREE POUR TOUR DE REFROIDISSEMENT**
[72] SEAWELL, JESSE Q., US
[72] DALEY, TOBY, US
[72] BLAND, JAMES A., US
[71] COMPOSITE COOLING SOLUTIONS, L.P., US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053476)
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[30] US (62/222,562) 2015-09-23

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[51] **Int.Cl. A61K 39/002 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 39/12 (2006.01) A61K 39/145 (2006.01) A61K 47/34 (2017.01) A61K 48/00 (2006.01) A61L 31/10 (2006.01) A61P 31/00 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01) A61P 33/02 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODIFIED DENDRIMER NANOPARTICLE VACCINE DELIVERY**
[54] **COMPOSITIONS ET METHODES POUR L'ADMINISTRATION DE VACCINS A NANOPARTICULES DE TYPE DENDRIMERE MODIFIEES**
[72] KHAN, OMAR F., US
[72] ANDERSON, DANIEL G., US
[72] LANGER, ROBERT S., US
[72] CHAHAL, JASDAVE S., US
[72] PLOEGH, HIDDE, US
[72] CANNER, DAVID A., US
[72] JACKS, TYLER E., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[85] 2018-03-22
[86] 2016-09-23 (PCT/US2016/053520)
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[30] US (62/222,515) 2015-09-23

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61K 39/42 (2006.01) C07K 16/10 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **HIV ANTIBODY COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'ANTICORPS ANTI-VIH ET METHODES D'UTILISATION**
[72] VIGNEAULT, FRANCOIS, US
[72] BRIGGS, ADRIAN WRANGHAM, US
[72] GOLDFLESS, STEPHEN JACOB, US
[72] TIMBERLAKE, SONIA, US
[71] ABVITRO LLC, US
[85] 2018-03-22
[86] 2016-09-24 (PCT/US2016/053599)
[87] (WO2017/053906)
[30] US (62/232,279) 2015-09-24

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/38 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **MASS TAG ANALYSIS FOR RARE CELLS AND CELL FREE MOLECULES**
[54] **ANALYSE D'ETIQUETTE DE MASSE POUR CELLULES RARES ET MOLECULES SANS CELLULES**
[72] BAIRD, ZANE, US
[72] COOKS, ROBERT GRAHAM, US
[72] HOLLERBACH, ADAM, US
[72] OUYANG, ZHENG, US
[72] PUGIA, MICHAEL, US
[71] BAIRD, ZANE, US
[71] COOKS, ROBERT GRAHAM, US
[71] HOLLERBACH, ADAM, US
[71] OUYANG, ZHENG, US
[71] PUGIA, MICHAEL, US
[85] 2018-03-22
[86] 2016-09-24 (PCT/US2016/053610)
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[13] A1
[51] **Int.Cl. B01D 15/04 (2006.01) B01D 1/00 (2006.01) C02F 1/42 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING TOXICITY FROM HIGH-TOTAL DISSOLVED SOLIDS (TDS) EFFLUENTS BY ION-RATIO BALANCING**
[54] **SYSTEME ET PROCEDE DE GESTION DE LA TOXICITE PROVENANT D'EFFLUENTS DE MATIERES DISSOUTES TOTALES (MDT) PAR EQUILIBRAGE DE RAPPORT IONIQUE**
[72] ROGERS, STEPHEN E., US
[72] MEYER, JOSEPH, US
[71] ARCADIS CORPORATE SERVICES, INC., US
[85] 2018-03-22
[86] 2016-09-26 (PCT/US2016/053709)
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[51] **Int.Cl. G06F 19/00 (2018.01) G01V 1/34 (2006.01)**
[25] EN
[54] **3D SEISMIC ACQUISITION**
[54] **ACQUISITION SISMIQUE EN 3D**
[72] EICK, PETER M., US
[72] BREWER, JOEL D., US
[72] MOSHER, CHARLES CLINTON, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-03-22
[86] 2016-09-26 (PCT/US2016/053750)
[87] (WO2017/058723)
[30] US (62/233,661) 2015-09-28
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[51] **Int.Cl. A23G 3/34 (2006.01) A23G 4/00 (2006.01) A23G 4/08 (2006.01)**
[25] EN
[54] **COOLING FORMULATIONS**
[54] **FORMULATIONS RAFRAICHISSANTES**
[72] JOHNSON, SONYA, US
[72] SHELDON, GLORIA, US
[72] TIAN, MINMIN, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-03-22
[86] 2016-09-27 (PCT/US2016/053865)
[87] (WO2017/058739)
[30] US (62/235,380) 2015-09-30

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[51] **Int.Cl. A61M 5/00 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **DELIVERY METHODS AND COMPOSITIONS**
[54] **METHODES ET COMPOSITIONS D'ADMINISTRATION**
[72] QUAKE, STEPHEN R., US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-22
[86] 2016-09-27 (PCT/US2016/053960)
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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 9/14 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR LATENT VIRAL TRANSCRIPTION REGULATION**
[54] **COMPOSITIONS ET METHODES DE REGULATION DE TRANSCRIPTION VIRALE LATENTE**
[72] QUAKE, STEPHEN R., US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-22
[86] 2016-09-27 (PCT/US2016/053965)
[87] (WO2017/058795)
[30] US (62/234,345) 2015-09-29

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[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/5386 (2006.01)**
[25] EN
[54] **OXA-AZASPIRO COMPOUNDS HAVING ACTIVITY AGAINST PAIN**
[54] **COMPOSES OXA-AZASPIRO AYANT UNE ACTIVITE CONTRE LA DOULEUR**
[72] ALMANSA-ROSALES, CARMEN, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2018-03-26
[86] 2016-10-21 (PCT/EP2016/001741)
[87] (WO2017/067663)
[30] EP (15382522.9) 2015-10-23

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[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/424 (2006.01)**
[25] EN
[54] **OXA-DIAZASPIRO COMPOUNDS HAVING ACTIVITY AGAINST PAIN**
[54] **COMPOSES OXA-DIAZASPIRO AYANT UNE ACTIVITE CONTRE LA DOULEUR**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2018-03-26
[86] 2016-10-21 (PCT/EP2016/001742)
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[51] **Int.Cl. E02B 3/10 (2006.01)**
[25] EN
[54] **A WATER BARRIER FOOT ELEMENT, A WATER BARRIER SHIELD SUPPORT ELEMENT, A WATER BARRIER SHIELD SYSTEM AND A METHOD FOR MANUFACTURING A WATER BARRIER FOOT ELEMENT**
[54] **ELEMENT D'EMBASE DE BARRAGE ANTI-INONDATION, ELEMENT DE SUPPORT DE PROTECTION DE BARRAGE ANTI-INONDATION, SYSTEME DE PROTECTION DE BARRAGE ANTI-INONDATION, ET PROCEDE DE FABRICATION D'UN ELEMENT D'EMBASE DE BARRAGE ANTI-INONDATION**
[72] NERO, INGVAR, SE
[71] INERO AB, SE
[85] 2018-03-26
[86] 2016-09-13 (PCT/EP2016/071575)
[87] (WO2017/055079)
[30] SE (1551261-9) 2015-10-02

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[13] A1
[51] **Int.Cl. H02S 20/30 (2014.01)**
[25] EN
[54] **PIVOT AND FANNING DRIVE FOR SOLAR PANELS**
[54] **ENTRAINEMENT A PIVOTEMENT ET DEPLOIEMENT ALEMENT POUR DES PANNEAUX SOLAIRES**
[72] STOGER, ELMAR, AT
[72] SWATEK, ALEXANDER, AT
[72] ZACH, GERALD, AT
[71] SMART FLOWER ENERGY TECHNOLOGY GMBH, AT
[85] 2018-03-26
[86] 2016-09-20 (PCT/AT2016/060067)
[87] (WO2017/054026)
[30] AT (A 50840/2015) 2015-10-02

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[51] **Int.Cl. C02F 9/00 (2006.01) C10L 9/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE TREATMENT OF ORGANIC WASTE**
[54] **SYSTEME DE TRAITEMENT DE DECHETS BIOLOGIQUES**
[72] ALFONS, KUHLES, DE
[71] GRENOL IP GMBH, DE
[85] 2018-03-26
[86] 2016-09-20 (PCT/EP2016/072238)
[87] (WO2017/055131)
[30] DE (10 2015 116 366.7) 2015-09-28

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/496 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FUSED PYRIDINE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES DE PYRIDINE CONDENSES EN TANT QU'INHIBITEURS DE KINASES**
[72] HORSLEY, HELEN TRACEY, GB
[72] MADDEN, JAMES, GB
[72] REUBERSON, JAMES THOMAS, GB
[72] ROWLEY, JULIAN HUGH, GB
[71] UCB BIOPHARMA SPRL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
[85] 2018-03-26
[86] 2016-09-28 (PCT/EP2016/073029)
[87] (WO2017/055306)
[30] GB (1517264.6) 2015-09-30

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[51] **Int.Cl. A61K 39/35 (2006.01) A61K 39/385 (2006.01) C07K 17/06 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **IMPROVED MODULAR ANTIGEN TRANSPORTATION MOLECULES AND USES THEROF IN ANIMALS**
[54] **MOLECULES DE TRANSPORT D'ANTIGENE MODULAIRE AMELIOREES ET LEURS UTILISATIONS CHEZ DES ANIMAUX**
[72] ROSE, HORST, DE
[72] REICHE, DANIA-BIRTE, DE
[72] TAMMEN, HARALD, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2018-03-26
[86] 2016-09-27 (PCT/EP2016/072898)
[87] (WO2017/055235)
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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/519 (2006.01) A61P 9/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **NOVEL MACROCYCLIC SULFONDIIMINE COMPOUNDS**
[54] **NOUVEAUX COMPOSES SULFONDIIMINE MACROCYCLIQUES**
[72] LUCKING, ULRICH, DE
[72] GEISLER, JENS, DE
[72] HOG, DANIEL, DE
[72] SCHOLZ, ARNE, DE
[72] PETERSEN, KIRSTIN, DE
[72] LIENAU, PHILIP, DE
[72] STEGMANN, CHRISTIAN, DE
[72] ANDRES, DOROTHEE, DE
[72] ZHENG, KUNZENG, CN
[72] GAO, PING, CN
[72] CHEN, GANG, CN
[72] XI, JIAJUN, CN
[72] HERBERT, SIMON ANTHONY, DE
[72] SIEMEISTER, GERHARD, DE
[72] WERBECK, NICOLAS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-03-26
[86] 2016-09-26 (PCT/EP2016/072795)
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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING POLYMERIC DICARBOXYLIC ACID ESTERS AND PHTHALIC ACID DIALKYL ESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES DIALKYLESTERS D'ACIDE PHTALIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
[85] 2018-03-26
[86] 2016-09-29 (PCT/EP2016/073233)
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[30] EP (15187711.5) 2015-09-30

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING POLYMERIC DICARBOXYLIC ACID ESTERS AND TEREPHTHALIC ACID DIALKYL ESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES DIALKYLESTERS D'ACIDE TEREPHTALIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
[85] 2018-03-26
[86] 2016-09-29 (PCT/EP2016/073235)
[87] (WO2017/055432)
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[51] **Int.Cl. A61N 2/00 (2006.01)**
[25] EN
[54] **MAGNETIC STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION MAGNETIQUE**
[72] MAYR, WINFRIED, AT
[71] PONTEMED AG, CH
[85] 2018-03-26
[86] 2016-09-29 (PCT/EP2016/073281)
[87] (WO2017/055465)
[30] AT (A 50839/2015) 2015-10-02

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW IMIDAZO[4,5-B]PYRIDINE DERIVATIVES AS DUAL DYRK1/CLK1 INHIBITORS**
[54] **NOUVEAUX DERIVES D'IMIDAZO[4,5-B]PYRIDINE UTILISES COMME INHIBITEURS DE DYRK1/CLK1 DOUBLES**
[72] BALINT, BALAZS, HU
[72] KOTSCHY, ANDRAS, HU
[72] SIPOS, MELINDA, HU
[72] WEBER, CSABA, HU
[72] FOLOPPE, NICOLAS, GB
[72] WALMSLEY, DAVID, GB
[72] BURBRIDGE, MICHAEL FRANK, FR
[72] CRUZALEGUI, FRANCISCO HUMBERTO, FR
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
[85] 2018-03-26
[86] 2016-09-30 (PCT/EP2016/073395)
[87] (WO2017/055530)
[30] FR (15/59252) 2015-09-30

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING POLYMERIC DICARBOXYLIC ACID ESTERS AND DICARBOXYLIC ACID DIESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES DIESTERS D'ACIDE DICARBOXYLIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
[85] 2018-03-26
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[30] EP (15187720.6) 2015-09-30

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **NEW PYRROLO[2,3-D]PYRIMIDINE DERIVATIVES AS DUAL DYRK1/CLK1 INHIBITORS**
[54] **NOUVEAUX DERIVES PYRROLO [2,3-D]PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DOUBLES DE DYRK1/CLK1**
[72] FIUMANA, ANDREA, GB
[72] FOLOPPE, NICOLAS, GB
[72] RAY, STUART, GB
[72] WALMSLEY, DAVID, GB
[72] KOTSCHY, ANDRAS, HU
[72] BURBRIDGE, MICHAEL FRANK, FR
[72] CRUZALEGUI, FRANCISCO HUMBERTO, FR
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
[85] 2018-03-26
[86] 2016-09-30 (PCT/EP2016/073403)
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[30] FR (15/59259) 2015-09-30

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[54] **HOISTING SYSTEM FOR INSTALLING A WIND TURBINE**
[54] **SYSTEME DE HISSAGE POUR L'INSTALLATION D'UNE EOLIENNE**
[72] LAGERWEIJ, HENDRIK LAMBERTUS, NL
[72] PUBANZ, ANDRE HEINZ, NL
[72] VAN DE POL, AART, NL
[72] WAAIJENBERG, ALBERT, NL
[72] CORTEN, GUSTAVE PAUL, NL
[71] LAGERWEY WIND B.V., NL
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[54] **SYSTEM AND METHOD FOR TESTING PHOTOSENSITIVE DEVICE DEGRADATION**
[54] **SYSTEME ET PROCEDE POUR ESSAI DE DEGRADATION DE DISPOSITIFS PHOTOSENSIBLES**
[72] IRWIN, MICHAEL D., US
[72] LOVELACE, JEROME, US
[72] MIELCZAREK, KAMIL, US
[71] HEE SOLAR, L.L.C., US
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[54] **DERIVES DE MORPHOLINE SUBSTITUES AYANT UNE ACTIVITE CONTRE LA DOULEUR**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
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[54] **SENSOR AND SENSOR ASSEMBLY FOR DETECTING AN ANALYTE IN A BODY FLUID**
[54] **DETECTEUR ET ENSEMBLE DE DETECTION POUR DETECTER UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] HARTTIG, HERBERT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **STRUCTURES POLYMERES RENFORCEES PAR DES FIBRES**
[72] SINGLETON, MARK JAMES, GB
[71] SINGLETON, MARK JAMES, GB
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[54] **ELECTROSURGICAL INSTRUMENT**
[54] **INSTRUMENT ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER, GB
[72] MORRIS, STEVEN, GB
[72] BURN, PATRICK, GB
[72] TURNER, LOUIS, GB
[72] ULLRICH, GEORGE, GB
[72] WEBB, DAVID, GB
[71] CREO MEDICAL LIMITED, GB
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[54] **COMBINATION THERAPY OF AN HBV CAPSID ASSEMBLY INHIBITOR AND AN INTERFERON**
[54] **POLYTHERAPIE AU MOYEN D'UN INHIBITEUR D'ENSEMBLE CAPSIDE HBV ET D'UN INTERFERON**
[72] GAO, LU, CN
[72] NAJERA, ISABEL, CH
[72] SHEN, HONG, CN
[72] SHEN, FANG, CN
[72] SHI, LIPING, CN
[72] WILDUM, STEFFEN, CH
[72] YANG, GUANG, CN
[71] F.HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **STEEL ALLOY WITH HIGH STRENGTH, HIGH IMPACT TOUGHNESS AND EXCELLENT FATIGUE LIFE FOR MUD MOTOR SHAFT APPLICATIONS**
[54] **ALLIAGE D'ACIER A HAUTE RESISTANCE, HAUTE RESILIENCE ET EXCELLENTE DUREE DE RESISTANCE A LA FATIGUE POUR APPLICATIONS D'ARBRE DE MOTEUR A BOUE**
[72] NOVOTNY, PAUL M., US
[71] CRS HOLDINGS, INC., US
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[72] LIMACHER, JEAN-MARC, FR
[71] LIMACHER, JEAN-MARC, FR
[85] 2018-03-26
[86] 2016-10-07 (PCT/FR2016/052598)
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[54] **HIGH-EFFICIENCY AMPLIFIER**
[54] **AMPLIFICATEUR A HAUT RENDEMENT**
[72] MORRIS, IAN, GB
[72] WHEATLEY, NIGEL, GB
[72] CELERIER, NICOLAS, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
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[25] FR
[54] **GLAZING HAVING AN ELECTRICALLY CONDUCTING DEVICE AND HAVING IMPROVED RESISTANCE TO CYCLIC TEMPERATURE TESTS**
[54] **VITRAGE MUNI D'UN DISPOSITIF CONDUCTEUR ELECTRIQUE ET POSSEDANT UNE RESISTANCE AMELIOREE AUX TESTS CYCLIQUES DE TEMPERATURE**
[72] WERNER, KATJA, DE
[72] REUL, BERNHARD, DE
[72] SCHMALBUCH, KLAUS, DE
[72] DASSONVILLE, CAMILLE, FR
[72] BRIQUET, CLEMENT, FR
[72] JAMART, JULIETTE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **LENS HOLDER FOR CONTACT VITRECTOMY LENS**
[54] **SUPPORT DE LENTILLE POUR LENTILLE DE VITRECTOMIE DE CONTACT**
[72] GUNN, NICHOLAS MAX, US
[71] NOVARTIS AG, CH
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[54] **OUTIL D'ASPIRATION SUIVI**
[72] JANKOWSKI, JAKUB, CA
[72] KHERADPIR, LEILA, CA
[72] DUPONT, KYLE RICHARD, CA
[72] NG, SAMSON YIN MING, CA
[72] SHAH, KISHAN HITESH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **COPOLYAMIDE COMPOSITIONS WITH REDUCED CRYSTALLIZATION RATES**
[54] **COMPOSITIONS DE COPOLYAMIDE A VITESSES DE CRISTALLISATION REDUITES**
[72] RAY, JACOB G., US
[72] HRISTOPOULOS, TIFFANY, US
[72] MANNING, STEVEN C., US
[72] OWEIMREEN, TARIQ S., US
[72] POWERS, SCOTT E., US
[72] SENYURT, ASKIM, US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
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[54] **IMPROVED METHODS AND APPARATUS FOR CORTICAL STIMULATION MAPPING DURING SURGICAL PROCEDURES**
[54] **PROCEDES ET APPAREIL AMELIORES POUR LE MAPPAGE DE LA STIMULATION CORTICALE PENDANT DES INTERVENTIONS CHIRURGICALES**
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] JAGGA, ARUN VICTOR, CA
[72] YUWARAJ, MURUGATHAS, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **VEHICULAR DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE DE VEHICULE**
[72] MARUYAMA, KENJI, JP
[72] WATANABE, HIROSHI, JP
[72] SHISHIDO, MASAYUKI, JP
[72] KOSAKA, NORIO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **PROCESS AND DEVICE FOR REMOVING LEAD FROM A LIQUID**
[54] **PROCEDE ET DISPOSITIF D'ELIMINATION DU PLOMB CONTENU DANS UN LIQUIDE**
[72] KONDIAH, KULSUM, ZA
[72] FRANKLYN, PAUL JOHN, ZA
[72] KESHAV, VIDYA, ZA
[71] UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, ZA
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[54] **DETAIL FACILITE POUR MEMBRANES D'IMPERMEABILISATION PRE-APPLIQUEES**
[72] CHEN, HUHE, CN
[72] DING, HONGMEI, CN
[72] XIN, LIJUN, CN
[72] WIERCINSKI, ROBERT A., US
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **CACTI AND CACTI PARTS FOR USE AS PESTICIDES, FERTILIZERS AND REGENERATION AND GROWTH ENHANCERS OF PLANTS**
[54] **CACTUS ET PARTIES DE CACTUS DESTINES A ETRE UTILISES EN TANT QUE PESTICIDES, ENGRAIS ET ACTIVATEURS DE REGENERATION ET DE CROISSANCE DE PLANTES**
[72] HAYIK, ISAAK, IL
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[54] **FAISCEAU MOTEUR OSCILLANT POSITIONNABLE PORTABLE AUTONOME**
[72] SHOCKLEY, HAROLD DAVID, JR., US
[72] MARCEK, GEOFFREY ALBERT, US
[72] ELLIS, ROBERT WILEY, US
[71] INTERNATIONAL BIOPHYSICS CORPORATION, US
[85] 2018-03-26
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[25] EN
[54] **INSTALLATION TOOL AND METHOD FOR INSTALLING ELECTRICAL CONNECTOR**
[54] **OUTIL D'INSTALLATION ET PROCEDE D'INSTALLATION DE CONNECTEUR ELECTRIQUE**
[72] SHI, XUEFENG, CN
[72] WANG, JUNFENG, CN
[72] WU, JIANGPING, CN
[72] XIE, JIN, CN
[72] XU, LIANGLIANG, CN
[71] TYCO ELECTRONICS (SHANGHAI) CO., LTD., CN
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[51] **Int.Cl. B60K 35/00 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **VEHICULAR DISPLAY DEVICE AND VEHICULAR DISPLAY METHOD**
[54] **APPAREIL D'AFFICHAGE POUR VEHICULES ET PROCEDE D'AFFICHAGE POUR VEHICULES**
[72] KOSAKA, NORIO, JP
[72] YAMAMOTO, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **INFORMATION PRESENTING DEVICE AND INFORMATION PRESENTING METHOD**
[54] **DISPOSITIF DE PRESENTATION D'INFORMATIONS ET PROCEDE DE PRESENTATION D'INFORMATIONS**
[72] EBINA, AKIHIKO, JP
[72] HIRAMATSU, MACHIKO, JP
[72] SUNDA, TAKASHI, JP
[72] SHIMIZU, YOUJI, JP
[72] KONDOH, TAKAYUKI, JP
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[54] **DETERMINATION DE VOLUME D'USURE TUBULAIRE PAR CORRECTION PAR ETIRAGE**
[72] SAMUEL, ROBELLO, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-03-26
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[54] **AUTOMATED LIFT-GAS BALANCING IN OIL PRODUCTION**
[54] **EQUILIBRAGE AUTOMATISE DU GAZ D'EXTRACTION DANS LA PRODUCTION DE PETROLE**
[72] ORTIZ, THOMAS MANUEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APILIMOD COMPOSITIONS AND METHODS FOR USING SAME**
[54] **COMPOSITIONS D'APILIMOD ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] LICHENSTEIN, HENRI, US
[72] ROTHBERG, JONATHAN M., US
[71] LAM THERAPEUTICS, INC., US
[85] 2018-03-26
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[25] EN
[54] **FOAM MODIFIERS FOR CEMENTITIOUS SLURRIES, METHODS, AND PRODUCTS**
[54] **MODIFICATEURS DE MOUSSE DESTINE A DES LAITANCES CIMENTAIRES, PROCEDES ET PRODUIT**
[72] VILINSKA, ANNAMARIA, US
[72] LI, ALFRED C., US
[72] SONG, WEIXIN D., CN
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-03-26
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[87] (WO2017/058316)
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[25] EN
[54] **AGROCHEMICAL COMPOSITION**
[54] **COMPOSITION AGROCHIMIQUE**
[72] IIGAYA, MASAYUKI, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2018-03-26
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[25] EN
[54] **PUMP INTEGRITY DETECTION, MONITORING AND ALARM GENERATION**
[54] **DETECTION, CONTROLE ET GENERATION D'ALARME D'INTEGRITE DE POMPE**
[72] PANDURANGAN, PRADEEP, US
[72] GRIFFITH, GREGORY E., US
[72] JAEGER, THOMAS, US
[72] SINGH, GULSHAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **PRESSURE TRANSMITTER WITH OVERPRESSURE PROTECTION**
[54] **TRANSMETTEUR DE PRESSION AYANT UNE PROTECTION CONTRE UNE SURPRESSION**
[72] FETISOV, ALEKSANDR VLADIMIROVICH, RU
[72] PETUKHOV, PAVEL ALEKSANDROVICH, RU
[72] CHERKASHINA, GALINA VLADIMIROVNA, RU
[72] WILLCOX, CHARLES R., US
[71] ROSEMOUNT INC., US
[85] 2018-03-26
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[25] EN
[54] **COMPLEXES OF CELLULOSE FIBERS AND INORGANIC PARTICLES**
[54] **MATERIAU COMPOSITE EN FIBRES DE CELLULOSE ET EN PARTICULES INORGANIQUES**
[72] FUKUOKA, MOE, JP
[72] NAKATANI, TORU, JP
[72] GOTO, SHISEI, JP
[72] OISHI, MASATOSHI, JP
[72] NOGUCHI, HIROAKI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2018-03-26
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[87] (WO2017/057154)
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[54] **METHODS AND COMPOSITIONS OF IMPROVED PLANT TRANSFORMATION**
[54] **PROCEDES ET COMPOSITIONS DE TRANSFORMATION VEGETALE AMELIOREE**
[72] ANAND, AJITH, US
[72] BASS, STEVEN HENRY, US
[72] CHO, HYEON-JE, US
[72] KLEIN, THEODORE MITCHELL, US
[72] LASSNER, MICHAEL, US
[72] MCBRIDE, KEVIN E., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF JOINTS**
[54] **COMPOSITIONS DESTINEES AU TRAITEMENT DES ARTICULATIONS**
[72] DILUCCIO, ROBERT, US
[72] REIDENBERG, BRUCE, US
[72] MILBY, RANDY, US
[71] CORMEDIX INC., US
[85] 2018-03-26
[86] 2016-08-31 (PCT/US2016/049656)
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[25] EN
[54] **DELIVERY OF ACTIVE AGENTS USING NANOFIBER WEBS**
[54] **ADMINISTRATION D'AGENTS ACTIFS A L'AIDE D'UNE BANDE DE NANOFIBRES**
[72] DILUCCIO, ROBERT, US
[72] MILBY, RANDY, US
[71] CORMEDIX INC., US
[85] 2018-03-26
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[54] **MOVING FILLING NOZZLES ON A ROTATABLE FORMING MACHINE**
[54] **DEPLACEMENT DE BUSES DE REMPLISSAGE SUR UNE MACHINE DE FORMATION ROTATIVE**
[72] FOWLER, JAMES, US
[72] MAKUTONIN, BORIS, US
[71] RIDEAU MACHINERY INC, US
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[54] **SN-117M LABELED MANNOSE COUPLED DEXTRAN AMINE**
[54] **DEXTRAN-AMINE COUPLEE A UN MANNOSE MARQUE AU SN-117M**
[72] STEVENSON, NIGEL R., US
[72] SIMON, JAIME, US
[72] COOPER, LANCE, US
[71] SERENE, LLC, US
[85] 2018-03-26
[86] 2016-09-14 (PCT/US2016/051618)
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[30] US (62/232,519) 2015-09-25

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[54] **METHOD FOR EFFICIENT TASK SCHEDULING IN THE PRESENCE OF CONFLICTS**
[54] **PROCEDE D'ORDONNANCEMENT EFFICACE DES TACHES EN PRESENCE DE CONFLITS**
[72] RAMAN, ARUN, US
[72] KUMAR, TUSHAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-26
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[54] **AMUSEMENT PARK RIDE TUNNEL**
[54] **TUNNEL POUR PARCOURS DE PARC D'ATTRACTIONS**
[72] BOYLE, PATRICK DEVIN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2018-03-26
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[54] **METHOD AND SYSTEM FOR ASSIGNING TASKS TO DRILL RIGS**
[54] **PROCEDE ET SYSTEME D'ATTRIBUTION DE TACHES A DES APPAREILS DE FORAGE**
[72] LUNDH, ROBERT, SE
[72] JOYCE, STEPHEN, SE
[72] MANSOURI, MASOUMEH, SE
[72] PECORA, FEDERICO, SE
[72] ANDREASSON, HENRIK, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[54] **USE OF COOLING MEDIA IN BIOMASS CONVERSION PROCESS**
[54] **UTILISATION D'UN MILIEU DE REFROIDISSEMENT DANS UN PROCEDE DE CONVERSION DE BIOMASSE**
[72] ADKINS, BRUCE, US
[72] BAUER, LORENZ J., US
[72] CORDLE, RONALD, US
[72] ENGELMAN, RICHARD A., US
[72] LEWIS, J. CHRISTOPHER, US
[71] INAERIS TECHNOLOGIES, LLC, US
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[54] **PRODUCTION METHOD OF UNHYDRATED OPHTHALMIC LENS AND UNHYDRATED OPHTHALMIC LENS**
[54] **PROCEDE POUR PRODUIRE UNE LENTILLE OCULAIRE NON AQUEUSE, ET LENTILLE OCULAIRE NON AQUEUSE**
[72] JONIN, KUNIO, JP
[71] SEED CO., LTD., JP
[85] 2018-03-26
[86] 2016-10-06 (PCT/JP2016/079810)
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[30] JP (2015-199391) 2015-10-07

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[25] EN
[54] **BIOMARKERS FOR DETECTION OF BREAST CANCER IN WOMEN WITH DENSE BREASTS**
[54] **BIOMARQUEURS POUR LA DETECTION DU CANCER DU SEIN CHEZ LES FEMMES AYANT DES SEINS DENSES**
[72] REESE, DAVID E., US
[72] MULPURI, RAO, US
[72] BENSON, KASEY LEE, US
[71] PROVISTA DIAGNOSTICS, INC., US
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[54] **HYDROXYALKYL THIADIAZOLE DERIVATIVES**
[54] **DERIVES D'HYDROXYALKYLTHIADIAZOLE**
[72] KHERA, MANOJ KUMAR, JP
[72] MATHUR, TARUN, JP
[72] SATTIGERI, JITENDRA A., JP
[72] MASUDA, NOBUHISA, JP
[72] SONEDA, TSUYOSHI, JP
[72] KAGOSHIMA, YOSHIKO, JP
[72] KONOSU, TOSHIYUKI, JP
[72] SUZUKI, TETSUYA, JP
[72] YAMAOKA, MAKOTO, JP
[72] ITOOKA, RYO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[25] EN
[54] **CATALYST ADDITION TO A CIRCULATING FLUIDIZED BED REACTOR**
[54] **AJOUT D'UN CATALYSEUR A UN REACTEUR EN LIT FLUIDISE CIRCULANT**
[72] BAUER, LORENZ J., US
[72] ENGELMAN, RICHARD A., US
[72] LEWIS, J. CHRISTOPHER, US
[71] INAERIS TECHNOLOGIES, LLC, US
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[51] **Int.Cl. G05B 23/02 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **GLOBAL MONITORING SYSTEM FOR CRITICAL EQUIPMENT PERFORMANCE EVALUATION**
[54] **SYSTEME DE SURVEILLANCE GLOBALE POUR EVALUATION DE PERFORMANCE D'EQUIPEMENT CRITIQUE**
[72] BARTELL, STEPHEN T., US
[72] RICHARDSON, GARY A., AU
[72] RYDLAND, CARL J., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-03-26
[86] 2016-09-23 (PCT/US2016/053541)
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[51] **Int.Cl. C08F 20/56 (2006.01)**
[25] EN
[54] **RAPID AZEOTROPIC PHOTO-COPOLYMERIZATION OF STYRENE AND METHACRYLATE DERIVATIVES AND USES THEREOF**
[54] **PHOTOCOPOLYMERISATION AZEOTROPIQUE RAPIDE DE DERIVES DE STYRENE ET DE METHACRYLATE ET UTILISATIONS CORRESPONDANTES**
[72] SUN, JIRUN, US
[71] ADA FOUNDATION, US
[85] 2018-03-26
[86] 2016-09-28 (PCT/US2016/054079)
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[30] US (62/234,088) 2015-09-29
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[25] EN
[54] **NON-OCCLUDING INTRAVASCULAR BLOOD PUMP PROVIDING REDUCED HEMOLYSIS**
[54] **POMPE SANGUINE INTRAVASCULAIRE NON-OCCLUSIVE PERMETTANT DE REDUIRE L'HEMOLYSE**
[72] GROSS-HARDT, SASCHA, DE
[72] KAUFMANN, TIM, DE
[72] CLIFTON, WILLIAM L., US
[72] HERTZOG, BENJAMIN A., US
[72] HEURING, JASON J., US
[71] PROCYRION, INC., US
[85] 2018-03-26
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[25] EN
[54] **DEPLOYABLE STRUCTURE FOR USE IN ESTABLISHING A REFLECTARRAY ANTENNA**
[54] **STRUCTURE DEPLOYABLE DESTINEE A ETRE UTILISEE DANS L'ETABLISSEMENT D'UNE ANTENNE A RESEAU REFLECTEUR**
[72] HARVEY, THOMAS J., US
[72] HARVEY, TOBY J., US
[72] WIENS, MITCHELL T., US
[72] BAILEY, MARK A., US
[72] STAMM, SHANE E., US
[72] PELZMANN, CHRISTOPHER A., US
[71] M.M.A. DESIGN, LLC, US
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[30] US (62/233,115) 2015-09-25

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[25] EN
[54] **NEEDLING DEVICE AND DRUG APPLICATOR**
[54] **DISPOSITIF DE PIQURE ET APPLICATEUR DE MEDICAMENT**
[72] THARP, DAVID C., US
[72] KELLOGG, SCOTT, US
[72] CHASTAIN, DAVID P., US
[72] DERUNTZ, DANIEL, US
[72] ROBINSON, JASON, US
[72] WOLOS, GREG, US
[72] STAUDT, ALEX, US
[72] SMITH, DANIEL P., US
[72] MORSE, JUSTIN DAVID, US
[72] DIBELLA, ANTHONY VINCENT, US
[72] GORDON, JOSEPH, US
[72] ROLLINS, NATHAN, US
[71] FOLLICA, INC., US
[85] 2018-03-26
[86] 2016-09-27 (PCT/US2016/053972)
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[25] EN
[54] **METHOD AND SYSTEM FOR REMOVING MATERIAL FROM A WORKPIECE**
[54] **PROCEDE ET SYSTEME DE RETRAIT DE MATERIAU D'UNE PIECE DE TRAVAIL**
[72] HAGAN, JOHN S., US
[72] MCNAMEE, ROBERT J., US
[72] LANDES, TONY, US
[72] RUTKIEWICZ, BRIAN, US
[72] LANG, WILLIAM, US
[72] SHAPPELL, MIKE D., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2018-03-26
[86] 2016-09-28 (PCT/US2016/054100)
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[30] US (62/234,021) 2015-09-28

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[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/4409 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE COMPOSITIONS OF 4-AMINOPYRIDINE**
[54] **COMPOSITIONS A LIBERATION PROLONGEE DE 4-AMINOPYRIDINE**
[72] COBB, JOSEPH E., JR., US
[72] GOLD, THOMAS B., US
[72] D'SOUZA, ROHINI, US
[72] WAY, SUSAN L., US
[71] ACORDA THERAPEUTICS, INC., US
[85] 2018-03-26
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[25] EN
[54] **RUBBER REINFORCED WITH FILLERS DISPERSED IN FUNCTIONALIZED SILSESQUIOXANES**
[54] **CAOUTCHOUC RENFORCE PAR DES CHARGES DISPERSEES DANS DES SILSESQUIOXANES FONCTIONNALISES**
[72] DOLOG, ROSTYSLAV, US
[72] SURESH, RADHIKA, US
[72] KHABASHESKU, VALERY N., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-03-26
[86] 2016-09-28 (PCT/US2016/054129)
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[25] EN
[54] **COMPOSITION FOR DUST PARTICLE REDUCTION**
[54] **COMPOSITION POUR LA REDUCTION DE PARTICULES DE POUSSIERE**
[72] BONNER, PATRICIA, US
[72] HERNANDEZ, AMANDA, US
[72] MAITRA, PRITHWIRAJ, US
[72] PATEL, JIGER J., US
[72] PATEL, MEENSKAHI LALIT, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-03-26
[86] 2016-09-29 (PCT/US2016/054328)
[87] (WO2017/059006)
[30] US (62/234,209) 2015-09-29
[30] US (15/279,626) 2016-09-29

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[25] EN
[54] **AERODYNAMIC TRUCKING SYSTEMS**
[54] **SYSTEMES DE CAMIONNAGE AERODYNAMIQUES**
[72] SENATRO, RICHARD P., US
[71] STREHL, LLC, US
[85] 2018-03-26
[86] 2016-09-29 (PCT/US2016/054357)
[87] (WO2017/059023)
[30] US (62/234,403) 2015-09-29

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[51] **Int.Cl. G01N 27/333 (2006.01) G01N 33/50 (2006.01) G01N 33/84 (2006.01)**
[25] EN
[54] **FLUID ANALYZER FOR MEASURING MAGNESIUM IONS AND METHOD OF CALIBRATING POTENTIOMETRIC MAGNESIUM ION SENSOR THEREIN**
[54] **ANALYSEUR DE FLUIDE POUR MESURER DES IONS DE MAGNESIUM ET PROCEDE D'ETALONNAGE DE CAPTEUR POTENTIOMETRIQUE D'IONS DE MAGNESIUM A L'INTERIEUR DE CELUI-CI**
[72] ZHANG, WEI, US
[72] HOLMAN, BRIAN, US
[72] HORAN, KEVIN, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2018-03-26
[86] 2016-09-29 (PCT/US2016/054385)
[87] (WO2017/059037)
[30] US (62/235,006) 2015-09-30

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[51] **Int.Cl. E04H 15/06 (2006.01) F41A 23/00 (2006.01) F41H 5/20 (2006.01) F41H 7/02 (2006.01)**
[25] EN
[54] **CAMPER SHELL TURRET SYSTEM**
[54] **SYSTEME DE TOURELLE COQUE DE CAMPING-CAR**
[72] FRANK, RUSSELL, US
[71] FRANK, RUSSELL, US
[85] 2018-03-26
[86] 2016-09-29 (PCT/US2016/054536)
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[30] US (62/234,582) 2015-09-29

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[51] **Int.Cl. G02C 7/04 (2006.01) A61F 2/16 (2006.01) B29D 11/00 (2006.01) C07D 249/20 (2006.01) C08F 290/00 (2006.01) C08K 5/00 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **UV AND HIGH ENERGY VISIBLE ABSORBING OPHTHALMIC LENSES**
[54] **LENTILLES OPHTALMIQUES ABSORBANT LES UV ET LA LUMIERE VISIBLE A HAUTE ENERGIE**
[72] NAHM, STEVEN HAROLD, US
[72] BLACKER, RICHARD, US
[72] KISSEL, DAVID J., US
[72] OLUND, DAVID, US
[71] VISION EASE, LP, US
[85] 2018-03-26
[86] 2016-09-29 (PCT/US2016/054553)
[87] (WO2017/059142)
[30] US (62/234,543) 2015-09-29

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[51] **Int.Cl. H02K 9/22 (2006.01) H02K 3/26 (2006.01)**
[25] EN
[54] **STRUCTURES AND METHODS FOR THERMAL MANAGEMENT IN PRINTED CIRCUIT BOARD STATORS**
[54] **STRUCTURES ET PROCEDES POUR UNE GESTION THERMIQUE DANS DES STATORS A CARTE DE CIRCUIT IMPRIME**
[72] SHAW, STEVEN ROBERT, US
[71] E-CIRCUIT MOTORS, INC., US
[85] 2018-03-26
[86] 2016-09-30 (PCT/US2016/054704)
[87] (WO2017/059213)
[30] US (62/236,422) 2015-10-02
[30] US (62/236,407) 2015-10-02
[30] US (15/199,527) 2016-06-30

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[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INDIVIDUAL PARTICLE SIZING USING LIGHT SCATTERING TECHNIQUES**
[54] **SYSTEME ET PROCEDE POUR MESURE DE TAILLE DE PARTICULE INDIVIDUELLE A L'AIDE DE TECHNIQUES DE DIFFUSION DE LUMIERE**
[72] CANTIN, DANIEL, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2018-03-26
[86] 2015-10-02 (PCT/CA2015/050995)
[87] (WO2017/054070)

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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **MONITORING OF FIELD DEVICES VIA A COMMUNICATION NETWORK**
[54] **SURVEILLANCE DE DISPOSITIFS DE TERRAIN PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION**
[72] CINCEA, CORNELIU, RO
[72] TOPORAN, BOGDAN IONUT, RO
[71] BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS, US
[85] 2018-03-23
[86] 2016-09-29 (PCT/US2016/054403)
[87] (WO2017/059047)
[30] RO (A 2015 00705) 2015-09-29
[30] US (15/064,456) 2016-03-08

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[51] **Int.Cl. H02K 3/26 (2006.01) H02K 9/22 (2006.01)**
[25] EN
[54] **STRUCTURES AND METHODS FOR CONTROLLING LOSSES IN PRINTED CIRCUIT BOARDS**
[54] **STRUCTURES ET PROCEDES DE COMMANDE DE PERTES DANS DES CARTES DE CIRCUIT IMPRIME**
[72] SHAW, STEVEN ROBERT, US
[71] E-CIRCUIT MOTORS, INC., US
[85] 2018-03-26
[86] 2016-09-30 (PCT/US2016/054794)
[87] (WO2017/059257)
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[54] **PROCEDES ET APPAREIL POUR MONTAGE ELASTIQUE D'UNE JUPE DE REMORQUE**
[72] MACHEREL, PHILIPPE, US
[72] BRADLEY, CALVIN RHETT, US
[72] LUNG, DAVID C., US
[72] SATTERFIELD, LARRY, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **PROCEDES ET APPAREIL POUR MONTER DE FACON COULISSANTE UNE JUPE DE REMORQUE**
[72] MACHEREL, PHILIPPE, US
[72] BRADLEY, CALVIN RHETT, US
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[72] HOWELL, JOSEPH, US
[72] BLODGETT, ROBERT, US
[72] STANNUS, SIMON FRANCIS, US
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[54] **TRI DE FRAGMENTS BIOLOGIQUES ET NON BIOLOGIQUES UTILISANT LA LEVITATION MAGNETIQUE**
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[72] DURMUS, NASIDE GOZDE, US
[72] CALAMAK, SEMIH, US
[72] DEMIRCI, UTKAN, US
[72] DAVIS, RONALD W., US
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[54] **APPAREIL ET PROCEDES DE SYNCHRONISATION D'UN CONTROLEUR ET DE CAPTEURS**
[72] PITIGOI-ARON, RADU, US
[72] SHEYNBLAT, LEONID, US
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[54] **DISPOSITIFS D'ABLATION DE TISSU A TAMIS SPHERIQUE ET PROCEDES ASSOCIES**
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[72] BEAN, RYAN M., US
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[54] **SYSTEME ET PROCEDE DE PROFILAGE SPATIAL**
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[72] PULIKKASERIL, CIBBY, AU
[71] BARAJA PTY LTD, AU
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[54] **BEND-OPEN PACKAGE AND METHOD FOR MANUFACTURING BEND-OPEN PACKAGE**
[54] **EMBALLAGE DEPLIABLE ET PROCEDE DE FABRICATION D'UN EMBALLAGE DEPLIABLE**
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[71] FUTURE LABO CO., LTD., JP
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[54] **COMBINAISON DE GEMCABENE POUR LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
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[72] BISGAIER, CHARLES L., US
[71] GEMPHIRE THERAPEUTICS INC., US
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[54] **COMPOSITIONS D'INDUCTION D'HAPLOIDES ET PROCEDES D'UTILISATION ASSOCIES**
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[72] DELZER, BRENT, US
[72] CHINTAMANANI, SATYA, US
[72] SKIBBE, DAVID STEWART, US
[72] CHEN, ZHONGYING, US
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[54] **APPAREIL EXTENSIBLE, TETE DE PERCAGE ET PROCEDE**
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[72] BISCHOF, ANDREAS, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **SYSTEME PERMETTANT DE REDUIRE LA CHARGE EN CONTAMINANTS MICROBIOLOGIQUES DE PRODUITS DE TYPE CONTENANT**
[72] GROH, MARTIN, DE
[72] SPALLEK, MICHAEL, DE
[72] BOHN, CHRISTOPH, DE
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
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[54] **PROCEDE DE FORMAGE A CHAUD D'UN ALLIAGE D'ALUMINIUM A L'ETAT METALLURGIQUE T4, APTE AU DURCISSEMENT PAR VIEILLISSEMENT**
[72] BASSI, CORRADO, CH
[72] COMBAZ, ETIENNE, CH
[72] DESPOIS, AUDE, CH
[72] ROMAIN, PASQUIER, CH
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[54] **TOUR DE DISTRIBUTION D'UNE MACHINE DE DISTRIBUTION AGRICOLE ET PROCEDE POUR LA MISE HORS CIRCUIT EN SERIE SUR UNE TELLE TOUR DE DISTRIBUTION**
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[54] **SYSTEMES ET PROCEDES D'ASSEMBLAGE DE PRODUITS JETABLES**
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[72] FOLLEN, SEAN P., US
[71] CURT G. JOA, INC., US
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[54] **COMPOSES ANTIMICROBIENS DERIVES DE POLYMYXINE**
[72] ROBERTS, KADE D., AU
[72] LI, JIAN, AU
[72] VELKOV, TONY, AU
[72] NATION, ROGER L., AU
[72] THOMPSON, PHILIP E., AU
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[54] **SERVICES D'INTERVENTION D'URGENCE AMELIORES GRACE A DES DRONES**
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[72] SLAVIN, ALISON JANE, US
[71] ALARM.COM INCORPORATED, US
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[72] MYERS, JOEL N., US
[71] LOCATOR IP, LP, US
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[54] **AGENT ABSORBANT POUR L'ELIMINATION SELECTIVE D'ACIDE SULFHYDRIQUE**
[72] VORBERG, GERALD, DE
[72] NOTZ, RALF, DE
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[72] KATZ, TORSTEN, DE
[72] GRUENANGER, CHRISTIAN, DE
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[54] **PRESENTING CONTENT SELECTED BY AN ONLINE SYSTEM VIA CONTENT PRESENTED BY AN APPLICATION ALONG WITH ADDITIONAL CONTENT PRESENTED BY THE APPLICATION**
[54] **PRESENTATION D'UN CONTENU SELECTIONNE PAR UN SYSTEME EN LIGNE VIA UN CONTENU PRESENTE PAR UNE APPLICATION ACCOMPAGNE D'UN CONTENU SUPPLEMENTAIRE PRESENTE PAR L'APPLICATION**
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[72] MITYAGIN, ANDREY, US
[72] HALUSHKA, MAKSYM, US
[72] KADAUKE, THOMAS, US
[71] FACEBOOK, INC., US
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[54] **COMPOSITIONS THERMO-EXPANSIBLES CONTENANT DES DERIVES D'UREE**
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[72] RAPPMANN, KLAUS, DE
[72] POLLER, SASCHA, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **INHIBITEUR DE L'ALCYNYL PYRIDINE PROLYL HYDROXYLASE, PROCEDE DE PREPARATION ET UTILISATION MEDICALE DE CELUI-CI**
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[72] YOU, QIDONG, CN
[72] LEI, YONGHUA, CN
[72] HU, TIANHAN, CN
[72] WU, XINGSEN, CN
[72] SUN, HAOPENG, CN
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[54] **SYSTEMES ET PROCEDES PERMETTANT L'ETABLISSEMENT DYNAMIQUE DE PRIX D'ALIMENTS**
[72] MOGHADAM, ABDOLREZA ABDOLHOSSEINI, US
[72] SOHRABI, SARA, US
[71] MOGHADAM, ABDOLREZA ABDOLHOSSEINI, US
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[54] **APPAREIL ET PROCEDE DE GESTION DE MEMORISATION DE BASE DE DONNEES PRIMAIRE ET DE BASE DE DONNEES DUPLIQUEE**
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[72] SUN, YANG, US
[72] ZHANG, GUOGEN, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[87] (WO2017/054662)
[30] US (14/872,811) 2015-10-01

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[51] **Int.Cl. G01N 33/24 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING CHEMICAL PARAMETERS FROM AN OPERATING MINERAL OR WATER PROCESSING PLANT; SYSTEM THEREFOR; PROCESSING PLANT COMPRISING SUCH SYSTEM**
[54] **PROCEDE POUR SURVEILLER DES PARAMETRES CHIMIQUES D'UNE INSTALLATION DE TRAITEMENT DE MINERAIS OU D'EAU EN SERVICE ; SYSTEME ASSOCIE ; INSTALLATION DE TRAITEMENT COMPRENANT LEDIT SYSTEME**
[72] GREET, CHRISTOPHER JOHN, BE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
[85] 2018-03-27
[86] 2016-11-17 (PCT/EP2016/078008)
[87] (WO2017/085187)
[30] BE (BE2015/5752) 2015-11-17

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[51] **Int.Cl. C08L 23/08 (2006.01)**
[25] EN
[54] **THERMALLY EXPANDABLE COMPOSITIONS COMPRISING POLYSACCHARIDE**
[54] **COMPOSITIONS THERMO-EXPANSIBLES CONTENANT UN POLYSACCHARIDE**
[72] KOHLSTRUNG, RAINER, DE
[72] RAPPMANN, KLAUS, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2018-03-27
[86] 2016-09-28 (PCT/EP2016/073067)
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[30] EP (15187177.9) 2015-09-28

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[51] **Int.Cl. G03B 13/00 (2006.01) G01B 9/00 (2006.01) G02B 7/28 (2006.01) G02B 21/02 (2006.01) G02B 21/06 (2006.01) G02B 27/40 (2006.01)**
[25] EN
[54] **REAL-TIME FOCUSING IN LINE SCAN IMAGING**
[54] **MISE AU POINT EN TEMPS REEL EN IMAGERIE A BALAYAGE DE LIGNES**
[72] ZOU, YUNLU, US
[72] OLSON, ALLEN, US
[72] SALIGRAMA, KIRAN, US
[72] CHEN, RUBY, US
[72] NAJMABADI, PEYMAN, US
[72] CRANDALL, GREG, US
[71] LEICA BIOSYSTEMS IMAGING, INC., US
[85] 2018-03-26
[86] 2016-09-23 (PCT/US2016/053581)
[87] (WO2017/053891)
[30] US (62/232,229) 2015-09-24

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[13] A1
[51] **Int.Cl. H04R 17/00 (2006.01) B81B 3/00 (2006.01)**
[25] EN
[54] **FLEXIBLE MEMS PRINTED CIRCUIT BOARD UNIT AND SOUND TRANSDUCER ASSEMBLY**
[54] **UNITE CARTE DE CIRCUIT IMPRIME MEMS SOUPLE ET ENSEMBLE TRANSDUCTEUR ACOUSTIQUE**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[85] 2018-03-27
[86] 2016-09-29 (PCT/EP2016/073166)
[87] (WO2017/055384)
[30] DE (10 2015 116 707.7) 2015-10-01

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[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01)**
[25] EN
[54] **LIFT SYSTEM**
[54] **SYSTEME D'ASCENSEUR**
[72] LINDBERG, BJARNE, CH
[72] ROGGER, MARTIN, CH
[72] WUETHRICH, OLIVER, CH
[72] HUGENTOBLER, RETO, CH
[72] AUGUGLIARO, DARIO, CH
[71] INVENTIO AG, CH
[85] 2018-03-27
[86] 2016-09-29 (PCT/EP2016/073169)
[87] (WO2017/055387)
[30] EP (15187692.7) 2015-09-30

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **SENSOR ASSEMBLY FOR DETECTING AT LEAST ONE ANALYTE IN A BODY FLUID**
[54] **ENSEMBLE CAPTEUR POUR LA DETECTION D'AU MOINS UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] HARTTIG, HERBERT, DE
[72] KUBE, OLIVER, DE
[72] ORTH, MICHAEL, DE
[72] WALTER, HELMUT, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-27
[86] 2016-11-21 (PCT/EP2016/078223)
[87] (WO2017/085305)
[30] EP (15195366.8) 2015-11-19

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01)**
[25] EN
[54] **PACK FOR CONSUMER GOODS**
[54] **PAQUET POUR PRODUITS DE CONSOMMATION**
[72] AZPIROZ DE ACHAVAL, MATIAS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-03-27
[86] 2016-11-25 (PCT/EP2016/078837)
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[51] **Int.Cl. A61B 8/00 (2006.01) A61B 90/00 (2016.01) A61N 7/02 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR GENERATING ULTRASONIC WAVES IN A TARGET REGION OF A SOFT SOLID AND METHOD FOR LOCALLY TREATING A TISSUE**
[54] **DISPOSITIF ET SYSTEME POUR GENERER DES ONDES ULTRASONORES DANS UNE REGION CIBLE D'UN SOLIDE MOU ET PROCEDE PERMETTANT DE TRAITER LOCALEMENT UN TISSU**
[72] CHAPELON, JEAN-YVES, FR
[72] MESTAS, JEAN-LOUIS, FR
[72] LAFON, CYRIL, FR
[72] GREILLIER, BERNARD, FR
[72] MILLERET, RENE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE LEON-BERARD, FR
[85] 2018-03-27
[86] 2016-09-29 (PCT/EP2016/073191)
[87] (WO2017/055403)
[30] EP (15306525.5) 2015-09-29

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[51] **Int.Cl. G01N 15/00 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE OPTICAL MEASUREMENT OF STABILITY AND AGGREGATION OF PARTICLES**
[54] **SYSTEME ET PROCEDE POUR LA MESURE OPTIQUE DE LA STABILITE ET DE L'AGREGATION DE PARTICULES**
[72] BAASKE, PHILIPP, DE
[72] DUHR, STEFAN, DE
[72] BREITSPRECHER, DENNIS, DE
[72] DERIX, JONATHAN, DE
[71] NANOTEMPER TECHNOLOGIES GMBH, DE
[85] 2018-03-27
[86] 2016-09-30 (PCT/EP2016/073471)
[87] (WO2017/055583)
[30] EP (15188017.6) 2015-10-01

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[51] **Int.Cl. A61K 38/46 (2006.01) C12N 9/16 (2006.01)**
[25] EN
[54] **MODIFIED IDURONATE 2-SULFATASE AND PRODUCTION THEREOF**
[54] **IDURONATE 2-SULFATASE MODIFIEE ET PRODUCTION DE CETTE DERNIERE**
[72] NORDLING, ERIK, SE
[72] STROMBERG, PATRIK, SE
[72] SVENSSON GELIUS, STEFAN, SE
[71] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE
[85] 2018-03-27
[86] 2016-09-30 (PCT/EP2016/073476)
[87] (WO2017/055586)
[30] EP (15187871.7) 2015-10-01

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **USE OF SINGLE-STRANDED ANTISENSE OLIGONUCLEOTIDE IN PREVENTION OR TREATMENT OF GENETIC DISEASES INVOLVING A TRINUCLEOTIDE REPEAT EXPANSION**
[54] **UTILISATION D'OLIGONUCLEOTIDES ANTISENS MONOBRIN DANS LA PREVENTION OU LE TRAITEMENT DE MALADIES GENETIQUES IMPLIQUANT UNE AMPLIFICATION DE REPETITION TRINUCLEOTIDIQUE**
[72] ADAMSON, PETER, NL
[72] TURUNEN, JANNE JUHA, NL
[72] PLATENBURG, GERARDUS JOHANNES, NL
[71] PROQR THERAPEUTICS II B.V., NL
[85] 2018-03-27
[86] 2016-10-05 (PCT/EP2016/073817)
[87] (WO2017/060317)
[30] GB (1517565.6) 2015-10-05
[30] GB (1604253.3) 2016-03-11

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[13] A1
[51] **Int.Cl. B28D 1/22 (2006.01)**
[25] EN
[54] **CUTTING AND SEPARATING DEVICE APPLICABLE TO MANUAL CERAMIC CUTTERS**
[54] **DISPOSITIF DE COUPE ET DE SEPARATION UTILISABLE AVEC DES COUPE-CARREAUX MANUELS DE CERAMIQUE**
[72] ROSELLO GARGALLO, ALEX, ES
[71] GERMANS BOADA, S.A., ES
[85] 2018-03-27
[86] 2016-07-19 (PCT/ES2016/070543)
[87] (WO2017/055650)
[30] ES (P201531375) 2015-09-28

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[13] A1
[51] **Int.Cl. C07D 471/22 (2006.01) A61K 31/438 (2006.01) A61P 35/00 (2006.01) C07D 487/22 (2006.01)**
[25] EN
[54] **SPIRO[3H-INDOLE-3,2'-PYRROLIDIN]-2(1H)-ONE COMPOUNDS AND DERIVATIVES AS MDM2-P53 INHIBITORS**
[54] **COMPOSES DE SPIRO[3H-INDOLE-3,2'-PYRROLIDIN]-2(1H)-ONE ET LEURS DERIVES A TITRE D'INHIBITEURS DE MDM2-P53**
[72] GOLLNER, ANDREAS, DE
[72] BROEKER, JOACHIM, DE
[72] KERRES, NINA, DE
[72] KOFINK, CHRISTIANE, DE
[72] RAMHARTER, JUERGEN, DE
[72] WEINSTABL, HARALD, DE
[72] GILLE, ANNIKA, DE
[72] GOEPPER, STEFAN, DE
[72] HENRY, MANUEL, DE
[72] HUCHLER, GUENTHER, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-03-27
[86] 2016-10-07 (PCT/EP2016/074008)
[87] (WO2017/060431)
[30] EP (15189210.6) 2015-10-09

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[51] **Int.Cl. B28D 1/24 (2006.01) B28D 7/00 (2006.01)**
[25] EN
[54] **CERAMIC CUTTER HAVING LIQUID-COOLING BY IMMERSION OF THE CUTTING DISC**
[54] **OUTIL DE COUPE DE CERAMIQUE A REFROIDISSEMENT LIQUIDE PAR IMMERSION DU DISQUE DE DECOUPE**
[72] SANCHEZ GOMEZ, SANTIAGO, ES
[71] GERMANS BOADA, S.A., ES
[85] 2018-03-27
[86] 2016-07-19 (PCT/ES2016/070545)
[87] (WO2017/055651)
[30] ES (U201531063) 2015-09-28

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[13] A1
[51] **Int.Cl. A01N 25/34 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **USE OF A BIOPOLYMER FOR REDUCING THE FORMATION OF A BIOFILM**
[54] **UTILISATION D'UN BIOPOLYMERE POUR REDUIRE LA FORMATION D'UN BIOFILM**
[72] KLEIN, JENS, DE
[72] ROMER, LIN, DE
[72] SCHEIBEL, THOMAS, DE
[72] SLOTTA, UTE, DE
[71] AMSILK GMBH, DE
[85] 2018-03-27
[86] 2016-10-11 (PCT/EP2016/074350)
[87] (WO2017/064066)
[30] EP (15189329.4) 2015-10-12

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[13] A1
[51] **Int.Cl. B65D 83/22 (2006.01)**
[25] FR
[54] **DISPENSING HEAD FOR AEROSOL CONTAINER**
[54] **TETE DE DISTRIBUTION POUR RECIPIENT AEROSOL**
[72] BODET, HERVE, FR
[72] FOURNET, DOMINIQUE, FR
[71] LINDAL FRANCE SAS, FR
[85] 2018-03-27
[86] 2016-10-12 (PCT/EP2016/074493)
[87] (WO2017/067835)
[30] FR (1560052) 2015-10-21

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[13] A1
[51] **Int.Cl. G02B 3/12 (2006.01) G02B 3/14 (2006.01) G02C 7/08 (2006.01)**
[25] EN
[54] **AN ADJUSTABLE FLUID-FILLED LENS ASSEMBLY AND METHOD FOR ASSEMBLING THE SAME**
[54] **ENSEMBLE LENTILLE REMPLI DE FLUIDE REGLABLE ET SON PROCEDE D'ASSEMBLAGE**
[72] STEVENS, ROBERT EDWARD, GB
[72] JACOBY, THOMAS, GB
[72] BEAN, DEREK PAUL FORBES, GB
[72] GUEST, WILLIAM, GB
[72] NISPER, JON, US
[72] WORSLEY, TOM, GB
[72] KUMAR, ASHUTOSH, GB
[72] VAN RENSBURG, RICHARD WILHELM JANSE, GB
[72] CROSSLEY, PETER LEE, GB
[72] STELLA, RITA, GB
[71] ADLENS LTD, GB
[85] 2018-03-27
[86] 2016-09-28 (PCT/GB2016/000173)
[87] (WO2017/055787)
[30] GB (1517160.6) 2015-09-28

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[13] A1
[51] **Int.Cl. B02C 13/28 (2006.01) B02C 18/18 (2006.01) E02F 9/28 (2006.01) E21C 35/18 (2006.01)**
[25] EN
[54] **TOOL FOR WORKING ABRASIVE MATERIALS**
[54] **OUTIL D'USINAGE DE MATERIAUX ABRASIFS**
[72] ROSSITER, EDUARDO, DE
[72] NEYER, CHRISTIAN, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-03-27
[86] 2016-10-21 (PCT/EP2016/075418)
[87] (WO2017/080796)
[30] DE (10 2015 222 020.6) 2015-11-09

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[13] A1
[51] **Int.Cl. B65D 81/32 (2006.01)**
[25] EN
[54] **SACHET SYSTEM**
[54] **SYSTEME DE SACHET**
[72] HAYMAN, PAUL ROY, GB
[72] HAYMAN, RICHARD JAMES, GB
[72] NORTON, DAVID ROBERT, GB
[71] MEDIMARK SCIENTIFIC LIMITED, GB
[85] 2018-03-27
[86] 2016-09-23 (PCT/GB2016/052968)
[87] (WO2017/055816)
[30] GB (1517108.5) 2015-09-28

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[13] A1
[51] **Int.Cl. A61K 31/554 (2006.01) C07D 281/02 (2006.01)**
[25] EN
[54] **TRICYCLIC DIBENZOTHIAZEPINE TYPE COMPOUNDS FOR USE IN THE THERAPY OF CDKL5 DISORDER**
[54] **UTILISATION DE COMPOSES DE TYPE DIBENZOTHIAZEPINE TRICYCLIQUE POUR LE TRAITEMENT DU SYNDROME DU CDKL5**
[72] CAVALLA, DAVID, GB
[71] HEALX LIMITED, GB
[85] 2018-03-27
[86] 2016-09-28 (PCT/GB2016/053007)
[87] (WO2017/055834)
[30] GB (1517133.3) 2015-09-28

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[13] A1
[51] **Int.Cl. A61F 2/54 (2006.01)**
[25] EN
[54] **MODULAR DEVICE & INTERFACE DESIGN**
[54] **DISPOSITIF MODULAIRE ET CONCEPTION D'INTERFACE**
[72] ARMITAGE, OLIVER, GB
[71] CAMBRIDGE BIO-AUGMENTATION SYSTEMS LIMITED, GB
[85] 2018-03-27
[86] 2016-09-28 (PCT/GB2016/053010)
[87] (WO2017/055836)
[30] GB (1517135.8) 2015-09-28
[30] GB (1517134.1) 2015-09-28

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[13] A1
[51] **Int.Cl. B02C 4/08 (2006.01) B02C 4/20 (2006.01) B02C 4/30 (2006.01) B02C 13/28 (2006.01) B02C 18/18 (2006.01)**
[25] EN
[54] **SIZER TOOTH**
[54] **DENT DE CALIBREUR**
[72] BARBER, RICHARD PAUL, GB
[71] MMD DESIGN & CONSULTANCY LIMITED, GB
[85] 2018-03-27
[86] 2016-09-30 (PCT/GB2016/053047)
[87] (WO2017/055864)
[30] GB (1517407.1) 2015-10-02

[21] **3,000,085**
[13] A1
[51] **Int.Cl. A47L 9/06 (2006.01) A47L 9/04 (2006.01)**
[25] EN
[54] **SUCTION HEAD FOR A VACUUM CLEANER AND METHOD OF OPERATION**
[54] **TETE D'ASPIRATION POUR ASPIRATEUR ET PROCEDE DE FONCTIONNEMENT**
[72] GREY, NICHOLAS GERALD, GB
[72] ISTED, MATTHEW JAMES, GB
[72] KENT, ANDREW JOHN, GB
[71] GREY TECHNOLOGY LIMITED, GB
[85] 2018-03-27
[86] 2017-02-27 (PCT/GB2017/050528)
[87] (WO2017/144922)
[30] GB (1603300.3) 2016-02-25

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[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) B65B 3/00 (2006.01)**
[25] EN
[54] **ASEPTIC ASSEMBLING OF PHARMACEUTICAL CONTAINERS**
[54] **ASSEMBLAGE ASEPTIQUE DE RECIPIENTS PHARMACEUTIQUES**
[72] WEBSTER, ERIC, US
[72] ZIGLER, STEVEN, US
[72] SIMMONS, GREGORY JAMES, US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[71] B. BRAUN MEDICAL INC., US
[85] 2018-03-27
[86] 2016-09-28 (PCT/IB2016/001370)
[87] (WO2017/055902)
[30] US (14/868,576) 2015-09-29

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[13] A1
[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/42 (2006.01) A61K 31/437 (2006.01) C07D 471/08 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING BETA-LACTAMASE**
[54] **COMPOSITIONS ET METHODES POUR INHIBER LA BETA-LACTAMASE**
[72] CHANG, HYE KYUNG, KR
[72] BAEK, SUNG YOON, KR
[72] KIM, MIN JUNG, KR
[72] OH, KYU MAN, KR
[72] CHOI, JEUNG SOON, KR
[72] HA, SOO BONG, KR
[72] KIM, SUNG MIN, KR
[72] CHUNG, CHUL-WOONG, KR
[72] KANG, DAE HYUCK, KR
[72] KWON, HYUN JIN, KR
[72] CHO, YOUNG LAG, KR
[72] KIM, YONG ZU, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
[85] 2018-03-27
[86] 2016-09-30 (PCT/IB2016/001508)
[87] (WO2017/055922)
[30] US (62/236,228) 2015-10-02

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[13] A1
[51] **Int.Cl. A61K 33/04 (2006.01) A61K 9/00 (2006.01) A61K 33/38 (2006.01)**
[25] EN
[54] **THIOL AND DISULFIDE-CONTAINING AGENTS FOR INCREASING MEIBOMIAN GLAND LIPID SECRETION**
[54] **AGENTS CONTENANT UN THIOL ET UN DISULFURE PERMETTANT D'AUGMENTER LA SECRETION LIPIDIQUE DES GLANDES DE MEIBOMIUS**
[72] AMSELEM, SHIMON, IL
[72] ALSTER, YAIR, IL
[72] FRIEDMAN, DORON, IL
[72] RAFAELI, OMER, IL
[71] AZURA OPHTHALMICS LTD., IL
[85] 2018-03-27
[86] 2016-09-28 (PCT/IB2016/001510)
[87] (WO2017/055924)
[30] US (62/233,906) 2015-09-28
[30] US (62/233,941) 2015-09-28

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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) C07K 14/195 (2006.01) C12N 9/00 (2006.01) C12N 9/14 (2006.01) C12N 9/78 (2006.01) C12P 7/52 (2006.01)**
[25] EN
[54] **IMPROVED PROPIONIBACTERIUM STRAINS FOR THE PRODUCTION OF PROPIONIC ACID**
[54] **SOUCHES AMELIOREES DE PROPIONIBACTERIUM POUR LA PRODUCTION D'ACIDE PROPIONIQUE**
[72] LUNA-FLORES, CARLOS H., AU
[72] NIELSEN, LARS K., AU
[72] MARCELLIN, ESTEBAN, AU
[72] STOWERS, CHRISTOPHER C., US
[72] MARTINS, BIANCA F., BR
[72] COX, BRAD M., US
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2018-03-27
[86] 2016-09-29 (PCT/IB2016/001658)
[87] (WO2017/055932)
[30] US (62/234,900) 2015-09-30

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[13] A1
[51] **Int.Cl. F16H 1/22 (2006.01) F16H 57/021 (2012.01) F01D 25/16 (2006.01)**
[25] EN
[54] **LOAD DISTRIBUTION IN A SPEED REDUCER WITH TWO INTERMEDIATE TRANSMISSION LINES**
[54] **REPARTITION DE CHARGES DANS UN REDUCTEUR DE VITESSE A DEUX LIGNES INTERMEDIAIRES DE TRANSMISSION**
[72] MATHIEU, ANTOINE, FR
[72] FERAUD, BENJAMIN, FR
[72] MORELLI, BORIS, FR
[72] AMIET, MAXIME, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2018-03-23
[86] 2016-09-20 (PCT/FR2016/052380)
[87] (WO2017/055707)
[30] FR (1559295) 2015-09-30

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[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **ENHANCED DISTANCE DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE DISTANCE AMELIOREE**
[72] CLARK, ROBERT PARKER, US
[72] KIM, CHANG YOUNG, US
[71] KESPRY INC., US
[85] 2018-03-22
[86] 2016-09-21 (PCT/US2016/052965)
[87] (WO2017/053485)
[30] US (14/864,508) 2015-09-24

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[13] A1
[51] **Int.Cl. C09D 191/06 (2006.01)**
[25] EN
[54] **PLASTIC WATER REPELLENT FORMULATION**
[54] **FORMULATION DE MATIERE PLASTIQUE HYDROFUGE**
[72] PHANG, TZE LEE, US
[72] BAJRAMI, EGEST, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-03-22
[86] 2016-10-07 (PCT/US2016/056034)
[87] (WO2017/066097)
[30] US (14/882,150) 2015-10-13

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[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE BROWSER FOR COMPUTER FILESYSTEM AND ELECTRONIC MAIL**
[54] **NAVIGATEUR PERSONNALISABLE POUR SYSTEME DE FICHIERS INFORMATIQUE ET COURRIER ELECTRONIQUE**
[72] PRAKASH, SAURABH A., IN
[71] PRAKASH, SAURABH A., IN
[85] 2018-03-27
[86] 2016-09-26 (PCT/IB2016/055730)
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[51] **Int.Cl. A23L 29/10 (2016.01) A23L 29/262 (2016.01) A23L 33/115 (2016.01) A61K 9/107 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION AND STABILIZATION OF EMULSIONS WITH OMEGA-3 BY MEANS OF ISOMETRIC CRYSTALLINE NETWORKS OF CELLULOSE DERIVATIVES**
[54] **PROCEDE POUR LA PREPARATION ET LA STABILISATION D'EMULSIONS A BASE D'OMEGA 3 PAR L'INTERMEDIAIRE DE RESEAUX CRISTALLINS ISOMETRIQUES DE DERIVES DE CELLULOSE**
[72] MORENO EGEA, FERNANDO, ES
[72] MARTINEZ FEREZ, ANTONIO, ES
[71] SOLUTEX NA, LCC, US
[85] 2018-03-27
[86] 2016-10-03 (PCT/IB2016/055902)
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[30] ES (201531406) 2015-10-01

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[51] **Int.Cl. H01M 8/18 (2006.01) H01M 12/06 (2006.01)**
[25] EN
[54] **HORIZONTAL TRI-ELECTRODE SINGLE FLOW ZINC-AIR BATTERY WITH A FLOATING CATHODE**
[54] **BATTERIE ZINC-AIR A FLUX UNIQUE TRIELECTRODE HORIZONTALE A CATHODE FLOTTANTE**
[72] CHEN, ZHONGWEI, CA
[72] LIU, HAO, CA
[71] CHEN, ZHONGWEI, CA
[71] LIU, HAO, CA
[85] 2018-03-23
[86] 2016-09-23 (PCT/CA2016/051125)
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[30] US (62/284,196) 2015-09-23

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[51] **Int.Cl. B23B 27/16 (2006.01) B23B 29/04 (2006.01) B23P 15/28 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND TRIANGULAR-SHAPED INDEXABLE CUTTING INSERT THEREFOR**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE INDEXABLE DE FORME TRIANGULAIRE ASSOCIEE**
[72] ATHAD, SHIMON, IL
[71] ISCAR LTD., IL
[85] 2018-03-27
[86] 2016-10-30 (PCT/IL2016/051169)
[87] (WO2017/085710)
[30] US (14/944,295) 2015-11-18

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[51] **Int.Cl. E06B 9/68 (2006.01) E06B 9/32 (2006.01)**
[25] EN
[54] **EXTERNAL MOTOR DRIVE SYSTEM FOR WINDOW COVERING SYSTEM WITH CONTINUOUS CORD LOOP**
[54] **SYSTEME D'ENTRAINEMENT DE MOTEUR EXTERNE POUR SYSTEME DE COUVRE-FENETRE A BOUCLE DE CORDON CONTINU**
[72] PHAM, TRUNG DUC, CA
[72] CHENG, ALAN WING HOR, CA
[72] BISHARA, MARC RASHAD, CA
[71] AXIS LABS INC., CA
[85] 2018-03-23
[86] 2016-09-30 (PCT/CA2016/051138)
[87] (WO2017/054083)
[30] US (62/236,826) 2015-10-02

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[13] A1
[51] **Int.Cl. G01C 21/36 (2006.01) B60K 35/00 (2006.01)**
[25] EN
[54] **VEHICULAR DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE DE VEHICULE**
[72] MARUYAMA, KENJI, JP
[72] WATANABE, HIROSHI, JP
[72] KOSAKA, NORIO, JP
[72] SHISHIDO, MASAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-27
[86] 2015-09-30 (PCT/JP2015/077666)
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[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING UNIT AND APPARATUS COMPRISING SAID DISPENSING UNIT**
[54] **UNITE DE DISTRIBUTION DE BOISSONS ET APPAREIL COMPRENANT LADITE UNITE DE DISTRIBUTION**
[72] ALVAREZ VIRTOLI, ITALO ANDREA, IT
[72] ZAPPELLA, SERGIO, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2018-03-27
[86] 2016-10-07 (PCT/IB2016/056024)
[87] (WO2017/068449)
[30] IT (102015000063023) 2015-10-19
[30] IT (102015000063037) 2015-10-19
[30] IT (102015000063076) 2015-10-19

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[51] **Int.Cl. B25J 19/04 (2006.01) G01B 11/245 (2006.01) G03B 21/00 (2006.01) G03B 21/14 (2006.01)**
[25] EN
[54] **SYSTEM**
[54] **SYSTEME**
[72] TAKAHASHI, TATSUYA, JP
[72] FUJITA, KAZUHIRO, JP
[72] MARUYAMA, GO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2018-03-27
[86] 2016-09-26 (PCT/JP2016/004346)
[87] (WO2017/056479)
[30] JP (2015-190378) 2015-09-28
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[25] EN
[54] **METHOD FOR PRODUCING PURIFIED PLATELETS**
[54] **METHODE DE PRODUCTION DE PLAQUETTES PURIFIEES**
[72] HIROSE, HIDENORI, JP
[72] UEDA, MICHIKO, JP
[71] MEGAKARYON CORPORATION, JP
[85] 2018-03-27
[86] 2016-10-14 (PCT/JP2016/080553)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING HAIR GROWTH, PROMOTING SKIN REGENERATION, AND WOUND HEALING**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA CROISSANCE CAPILLAIRE, FAVORISER LA REGENERATION DE LA PEAU, ET LA CICATRISATION DES PLAIES**
[72] MILLER, FREDA D., CA
[72] KAPLAN, DAVID R., CA
[72] NASKA, SIBEL, CA
[72] SMITH, KRISTEN MICHELLE, US
[72] PARIS, MARYLINE, FR
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2018-03-23
[86] 2015-09-25 (PCT/CA2015/050966)
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[30] US (62/055,195) 2014-09-25

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[51] **Int.Cl. C08F 8/00 (2006.01) B01J 45/00 (2006.01)**
[25] EN
[54] **IMINODIACETIC ACID TYPE CHELATE RESIN AND METHOD FOR PRODUCING SAME**
[54] **RESINE CHELATEE DE TYPE ACIDE IMINODIACETIQUE ET SON PROCEDE DE PRODUCTION**
[72] SUZUKI, AIKO, JP
[72] HONDA, GO, JP
[71] HYMO CORPORATION, JP
[85] 2018-03-27
[86] 2017-01-10 (PCT/JP2017/000389)
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[51] **Int.Cl. A61J 3/00 (2006.01) A61J 1/20 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **SYRINGE DEVICE FOR COMMUNICATING TWO TYPES OF SUBSTANCES TO EACH OTHER AND METHOD THEREOF**
[54] **DISPOSITIF DE SERINGUE POUR AMENER DEUX TYPES DE SUBSTANCES EN COMMUNICATION ET PROCEDE ASSOCIE**
[72] MOMOSE, NOBORU, JP
[72] SUGIMOTO, TAKUYA, JP
[72] WATANABE, NORIO, JP
[71] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2018-03-27
[86] 2016-09-30 (PCT/JP2016/078973)
[87] (WO2017/057659)
[30] JP (2015-193768) 2015-09-30

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[51] **Int.Cl. B65G 1/137 (2006.01) G06Q 10/08 (2012.01) B65G 1/04 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME**
[72] KOMIYAMA, MASAKAZU, JP
[71] NS SOLUTIONS CORPORATION, JP
[85] 2018-03-27
[86] 2017-06-23 (PCT/JP2017/023265)
[87] (WO2018/003712)
[30] JP (2016-127234) 2016-06-28

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[51] **Int.Cl. C07K 14/415 (2006.01) A01H 1/08 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HAPLOID AND SUBSEQUENT DOUBLED HAPLOID PLANTS**
[54] **PROCEDE DE PRODUCTION D'HAPLOIDES ET DE DIHAPLOIDES SUBSEQUENTS**
[72] OP DEN CAMP, RIK HUBERTUS MARTINUS, NL
[72] VAN DIJK, PETER JOHANNES, NL
[72] GALLARD, ANTHONY, NL
[71] KEYGENE N.V., NL
[85] 2018-03-27
[86] 2016-10-03 (PCT/NL2016/050682)
[87] (WO2017/058022)
[30] NL (2015552) 2015-10-02

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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/08 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HAPLOID AND SUBSEQUENT DOUBLED HAPLOID PLANTS**
[54] **PROCEDE DE PRODUCTION DE PLANTES HAPLOIDES ET DE PLANTES HAPLOIDES DOUBLEES CONSECUTIVES**
[72] OP DEN CAMP, RIK HUBERTUS MARTINUS, NL
[72] VAN DIJK, PETER JOHANNES, NL
[72] GALLARD, ANTHONY, NL
[71] KEYGENE N.V., NL
[85] 2018-03-27
[86] 2016-10-03 (PCT/NL2016/050683)
[87] (WO2017/058023)
[30] NL (2015549) 2015-10-02

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[51] **Int.Cl. A63F 7/26 (2006.01) A63F 7/00 (2006.01) A63F 7/40 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACHIEVING CONTROLLED MOVEMENT OF AT LEAST ONE MAGNET**
[54] **SYSTEME ET PROCEDE POUR OBTENIR UN MOUVEMENT COMMANDE D'AU MOINS UN AIMANT**
[72] LINKJENDAL, TOBIAS, NO
[72] RUDIHAGEN, JUUL ARTHUR RIBE, NO
[72] AANJESEN, HANNA AGERSBORG, NO
[71] MAGINATION AS, NO
[85] 2018-03-27
[86] 2016-09-29 (PCT/NO2016/000026)
[87] (WO2017/058025)
[30] NO (20151275) 2015-09-29

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[25] EN
[54] **AN OVERLAY**
[54] **REVETEMENT**
[72] MASCULL, ROGER THOMAS, NZ
[71] MASCULL, ROGER THOMAS, NZ
[71] MASCULL, ELIZABETH JOCELYN, NZ
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[86] 2016-09-26 (PCT/NZ2016/050158)
[87] (WO2017/058030)
[30] AU (2015903973) 2015-09-30

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[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING GEOPHYSICAL DATA**
[54] **PROCEDE ET SYSTEME POUR GENERER DES DONNEES GEOPHYSIQUES**
[72] AMUNDSEN, LASSE, NO
[72] ROBERTSSON, JOHAN OLOF ANDERS, CH
[71] STATOIL PETROLEUM AS, NO
[85] 2018-03-27
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[25] EN
[54] **CONTOURING SYSTEM AND COMPONENTS**
[54] **SYSTEME ET COMPOSANTS PERMETTANT DE DONNER DU GALBE**
[72] MASCULL, ROGER THOMAS, NZ
[71] MASCULL, ELIZABETH JOCELYN, NZ
[71] MASCULL, ROGER THOMAS, NZ
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[30] AU (2015903974) 2015-09-30

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[51] **Int.Cl. A61F 13/491 (2006.01)**
[25] EN
[54] **DISPOSABLE PANT-TYPE ABSORBENT ARTICLE SPECIALLY ADAPTED FOR A MALE USER**
[54] **ARTICLE ABSORBANT DE TYPE CULOTTE JETABLE PARTICULIEREMENT ADAPTE POUR UN UTILISATEUR MASCULIN**
[72] BACK, LUCAS, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-03-27
[86] 2015-09-29 (PCT/SE2015/051032)
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[51] **Int.Cl. E21B 47/01 (2012.01)**
[25] EN
[54] **METHOD FOR MOUNTING OF RADIO FREQUENCY TAG INTO THE HOUSING OF OIL AND GAS EQUIPMENT AND METHOD FOR RADIO FREQUENCY IDENTIFICATION OF OIL AND GAS EQUIPMENT (VARIANTS)**
[54] **PROCEDE DE FIXATION DE MARQUAGES RADIOFREQUENCE DANS LE CORPS D'UN EQUIPEMENT POUR LE PETROLE ET LE GAZ**
[72] TOKAREV, DMITRY NIKOLAEVICH, RU
[71] LIMITED LIABILITY COMPANY "HORIZONTY ROSTA", RU
[85] 2018-03-27
[86] 2015-10-02 (PCT/RU2015/000639)
[87] (WO2017/058049)

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **CONDUCTIVITY-DEPTH TRANSFORMS OF ELECTROMAGNETIC TELEMETRY SIGNALS**
[54] **TRANSFORMEES DE CONDUCTIVITE/PROFONDEUR TRANSFORMEES DE SIGNAUX ELECTROMAGNETIQUES DE TELEMESURE**
[72] WILSON, GLENN ANDREW, US
[72] FAN, YIJING, US
[72] COOPER, PAUL, US
[72] CHONG, MATTHEW HUI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C25B 9/10 (2006.01) C25B 1/04 (2006.01) C25B 13/08 (2006.01)**
[25] EN
[54] **HIGH OR DIFFERENTIAL PRESSURE ELECTROLYSIS CELL**
[54] **CELLULE D'ELECTROLYSE A PRESSION ELEVEE OU DIFFERENTIELLE**
[72] ABOUATALLAH, RAMI MICHEL, CA
[72] WANG, RAINEY YU, CA
[72] JOOS, NATHANIEL IAN, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2018-03-26
[86] 2016-09-26 (PCT/CA2016/051126)
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[30] US (62/233,774) 2015-09-28

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[51] **Int.Cl. B65D 75/36 (2006.01) B65D 65/02 (2006.01) B65D 65/22 (2006.01) B65D 65/38 (2006.01) B65D 75/52 (2006.01) C08L 101/00 (2006.01) E21B 33/13 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **DOWNHOLE PAYLOAD RELEASE CONTAINERS, METHOD AND SYSTEM OF USING THE SAME**
[54] **RECIPIENTS DE LIBERATION DE CHARGE UTILE DE FOND DE TROU, PROCEDE ET SYSTEME D'UTILISATION DE CEUX-CI**
[72] HALL, LEE J., US
[72] AGARWAL, SANDIP, US
[72] MAYERS, BRIAN, US
[72] SCHUELLER, OLIVIER, US
[72] FARHAT, HOOTAN, US
[72] GRAF, PHIL, US
[72] MCLELLAN, JOSEPH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C09K 8/03 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **WELLBORE METHODS EMPLOYING PRECIPITATED PARTICLES**
[54] **PROCEDES POUR PUITS DE FORAGE METTANT EN □UVRE DES PARTICULES PRECIPITEES**
[72] MCDANIEL, CATO RUSSELL, US
[72] YE, XIANGNAN, US
[72] JAMISON, DALE E., US
[72] NEWMAN, KATERINA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-27
[86] 2015-11-05 (PCT/US2015/059158)
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[51] **Int.Cl. E01B 27/02 (2006.01) E01B 1/00 (2006.01) E01B 27/12 (2006.01)**
[25] EN
[54] **STONEBLOWER FOR RAIL APPLICATIONS**
[54] **SOUFFLEUSE PNEUMATIQUE DE BALLAST POUR DES APPLICATIONS FERROVIAIRES**
[72] VARGAS, VICTOR, US
[72] LARSEN, CHRIS, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-26 (PCT/US2016/053732)
[87] (WO2017/058720)
[30] US (62/235,648) 2015-10-01

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[51] **Int.Cl. E21B 41/00 (2006.01) C09K 8/02 (2006.01) C09K 8/42 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **USING POLYAMINATED FATTY ACID-BASED OIL COMPOSITIONS FOR CONTROLLING DUST FROM ADDITIVE PARTICLES**
[54] **UTILISATION DE COMPOSITIONS D'HUILE A BASE D'ACIDES GRAS POLYAMINES POUR REGULER LES POUSSIERES PROVENANT DE PARTICULES D'ADDITION**
[72] PAL, OMPRAKASH RAMKHILAVAN, SM
[72] MAXEY, JASON ERICK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-27
[86] 2015-11-06 (PCT/US2015/059399)
[87] (WO2017/078727)

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **DISTRIBUTED STREAM-BASED DATABASE TRIGGERS**
[54] **DECLENCHEURS DE BASE DE DONNEES A BASE DE FLUX DISTRIBUE**
[72] POL, PARIKSHIT SHIVAJIRAO, US
[72] SUBRAMANIAN, SUBRAMANIAN SANKARA, US
[72] LOGANATHAN, RAJAPRABHU THIRUCHI, US
[72] POKKUNURI, RAMA KRISHNA SANDEEP, US
[72] DUDDI, GOPINATH, US
[72] VIG, AKSHAT, US
[72] MOHIUDDIN, SAFEER, US
[72] NARASIMHAN, SUDARSHAN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-27
[86] 2016-09-26 (PCT/US2016/053822)
[87] (WO2017/058734)
[30] US (14/868,236) 2015-09-28

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[51] **Int.Cl. F27B 1/14 (2006.01) B01J 8/00 (2006.01) C01B 3/38 (2006.01) E04B 2/14 (2006.01) F23M 5/02 (2006.01) F23M 5/06 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **FURNACE TUNNELS AND ASSEMBLY SYSTEM**
[54] **TUNNELS DE FOUR ET SYSTEME D'ASSEMBLAGE**
[72] BARNETT, DANIEL JOSEPH, US
[71] BD ENERGY SYSTEMS, LLC, US
[85] 2018-03-27
[86] 2016-09-27 (PCT/US2016/053876)
[87] (WO2017/058744)
[30] US (62/233,931) 2015-09-28

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[51] **Int.Cl. G01N 33/94 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ANTIBODIES THAT BIND HUMAN CANNABINOID 1 (CB1) RECEPTOR**
[54] **ANTICORPS DE LIAISON A UN RECEPTEUR CANNABINOIDE 1 HUMAIN (CB1)**
[72] KRETZ-ROMMEL, ANKE, US
[72] FERRINI, ROGER, US
[71] BIRD ROCK BIO, INC., US
[85] 2018-03-27
[86] 2016-09-27 (PCT/US2016/053927)
[87] (WO2017/058771)
[30] US (62/235,194) 2015-09-30

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[13] A1
[51] **Int.Cl. B65D 19/38 (2006.01)**
[25] EN
[54] **RETRACTABLE STOP WITH FRICTIONAL ELEMENT**
[54] **BUTEE RETRACTABLE AVEC ELEMENT DE FROTTEMENT**
[72] NOTTESTAD, ANDREA M., US
[72] HOWE, STEPHEN ROLAND, US
[71] ORBIS CORPORATION, US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054068)
[87] (WO2017/058845)
[30] US (62/235,869) 2015-10-01
[30] US (15/276,973) 2016-09-27

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[51] **Int.Cl. A47K 13/10 (2006.01) A47K 13/12 (2006.01) A47K 13/24 (2006.01)**
[25] EN
[54] **AUTOMATICALLY-LIFTABLE TOILET SEAT**
[54] **SIEGE DE TOILETTE AUTOMATIQUEMENT RELEVABLE**
[72] RUBINSHTEYN, ANDREW, US
[72] KISLIN, ALEX ALBERT, US
[71] RUBINSHTEYN, ANDREW, US
[71] KISLIN, ALEX ALBERT, US
[85] 2018-03-27
[86] 2015-12-22 (PCT/US2015/067231)
[87] (WO2017/065814)
[30] US (62/241,824) 2015-10-15

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[51] **Int.Cl. B61D 15/00 (2006.01) B61D 49/00 (2006.01) B61K 13/00 (2006.01) E01B 29/26 (2006.01)**
[25] EN
[54] **CONTINUOUS ACTION SPIKE PULLER FOR RAIL APPLICATIONS**
[54] **ARRACHE-CRAMPON A ACTION CONTINUE POUR APPLICATIONS FERROVIAIRES**
[72] JACOBSSON, KENT, US
[71] HARSCO TECHNOLOGIES LLC, US
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[25] EN
[54] **A FLUIDIZED FUEL GAS COMBUSTOR SYSTEM FOR A CATALYTIC DEHYDROGENATION PROCESS**
[54] **SYSTEME DE CHAMBRE DE COMBUSTION DE GAZ COMBUSTIBLE FLUIDISE POUR UN PROCEDE DE DESHYDROGENATION CATALYTIQUE**
[72] PRETZ, MATTHEW T., US
[72] WALTER, RICHARD E., US
[72] SHAW, DON F., US
[72] SANDOVAL, FERMIN A., US
[72] LI, LIWEI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[86] 2016-09-28 (PCT/US2016/054081)
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[30] US (14/868,507) 2015-09-29

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[51] **Int.Cl. G06F 21/62 (2013.01) G06F 21/10 (2013.01) G06F 21/31 (2013.01) G06F 21/60 (2013.01)**
[25] EN
[54] **POLICY ENFORCEMENT SYSTEM**
[54] **SYSTEME D'APPLICATION DE POLITIQUE**
[72] ARUMUGAM, DILLI DORAI MINNAI, US
[72] MUJUMDAR, PRASAD, US
[71] BLUETALON, INC., US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054107)
[87] (WO2017/058868)
[30] US (14/868,265) 2015-09-28

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[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/26 (2006.01) B01J 8/38 (2006.01)**
[25] EN
[54] **A CATALYST REGENERATOR AND A RISER TERMINATOR USED THEREIN**
[54] **REGENERATEUR DE CATALYSEUR ET ELEMENT DE TERMINAISON DE COLONNE MONTANTE UTILISE DANS CE DERNIER**
[72] PRETZ, MATTHEW T., US
[72] SHAW, DON F., US
[72] WALTER, RICHARD E., US
[72] KODAM, MADHUSUDHAN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054084)
[87] (WO2017/058856)
[30] US (14/870,368) 2015-09-30

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[51] **Int.Cl. G01N 33/68 (2006.01) B01D 15/26 (2006.01)**
[25] EN
[54] **AMYLOID BETA DETECTION BY MASS SPECTROMETRY**
[54] **DETECTION DE BETA-AMYLOIDE PAR SPECTROMETRIE DE MASSE**
[72] TRAN, DIANA, US
[72] WEBER, DARREN, US
[72] CLARKE, NIGEL, US
[71] QUEST DIAGNOSTICS INVESTMENTS LLC, US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054148)
[87] (WO2017/058895)
[30] US (62/234,027) 2015-09-28
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[51] **Int.Cl. C08F 2/26 (2006.01) C08F 220/14 (2006.01) C08F 220/18 (2006.01) G02F 1/1339 (2006.01)**
[25] EN
[54] **MULTISTAGE COPOLYMER COMPOSITIONS FOR USE IN ELASTOMERIC CONSTRUCTION CAULKS AND SEALANTS**
[54] **COMPOSITIONS DE COPOLYMERES A PLUSIEURS COUCHES DESTINEES A UTILISEES DANS DES PRODUITS ELASTOMERES DE CALFEUTRAGE ET D'ETANCHEITE POUR LA CONSTRUCTION**
[72] JOG, PRASANNA K., US
[72] LISS, AUDREY B., US
[72] WESTMEYER, MARK D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054075)
[87] (WO2017/058849)
[30] US (62/234,908) 2015-09-30

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[51] **Int.Cl. B03C 3/45 (2006.01) B03C 3/53 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING A SPECIES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE RECUEILLIR UNE ESPECE**
[72] DAMAK, MAHER, US
[72] MAHMOUDI, SEYED REZA, US
[72] VARANASI, KRIPA K., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054230)
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[30] US (62/233,499) 2015-09-28

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[51] **Int.Cl. C03C 17/00 (2006.01) C03C 17/32 (2006.01) C08G 73/10 (2006.01) C08L 79/08 (2006.01)**
[25] EN
[54] **HALOGENATED POLYIMIDE SILOXANE CHEMICAL COMPOSITIONS AND GLASS ARTICLES WITH HALOGENATED POLYIMIDE SILOXANE LOW-FRICTION COATINGS**
[54] **COMPOSITIONS CHIMIQUES DE POLYIMIDE-SILOXANE HALOGENE ET ARTICLES EN VERRE PRESENTANT DES REVETEMENTS DE POLYIMIDE-SILOXANE HALOGENE A FAIBLE FROTTEMENT**
[72] HENRY, DAVID, FR
[72] LACARRIERE, VALERIE CLAUDINE, FR
[71] CORNING INCORPORATED, US
[85] 2018-03-27
[86] 2016-09-29 (PCT/US2016/054384)
[87] (WO2017/059036)
[30] EP (15290254.0) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01)**
[25] EN
[54] **STABLE FORMULATIONS OF FINGOLIMOD**
[54] **COMPOSITIONS STABLES DE FINGOLIMOD**
[72] CHATTARAJ, SARAT C., US
[72] LIU, ZHI, US
[72] KIRSCH, JOHN D., US
[71] MYLAN INC., US
[85] 2018-03-27
[86] 2016-08-08 (PCT/US2016/046002)
[87] (WO2017/058364)
[30] US (62/236,373) 2015-10-02

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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12N 15/861 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **GENE DELIVERY METHODS AND COMPOSITIONS**
[54] **METHODES ET COMPOSITIONS D'ADMINISTRATION GENIQUE**
[72] WANG, JIANBIN, US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-27
[86] 2016-04-01 (PCT/US2016/025517)
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[30] US (62/142,192) 2015-04-02

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[51] **Int.Cl. A63C 10/28 (2012.01) A63C 10/04 (2012.01)**
[25] EN
[54] **INTERCHANGEABLE DRIVE PLATES FOR SNOWBOARD BINDINGS**
[54] **PLATEAUX D'ENTRAINEMENT INTERCHANGEABLES POUR FIXATIONS DE PLANCHES DE SNOWBOARD**
[72] FERREL, PAUL, US
[72] ENGEBRETSEN, DAIN, US
[72] COBB, STEVEN, US
[72] SMITH, RYAN, US
[71] MERVIN MANUFACTURING, INC., US
[85] 2018-03-27
[86] 2016-08-11 (PCT/US2016/046637)
[87] (WO2017/069838)
[30] US (14/887,180) 2015-10-19

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[51] **Int.Cl. E21B 43/24 (2006.01) C10G 1/00 (2006.01) C10G 1/02 (2006.01) E21B 43/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **STAGED ZONE HEATING OF HYDROCARBON BEARING MATERIALS**
[54] **CHAUFFAGE A ZONES PAR ETAPES DE MATIERES CONTENANT DES HYDROCARBURES**
[72] OTTERSTROM, GARY, US
[72] PLIKAS, TOM, CA
[72] SHAH, UMESH, CA
[71] RED LEAF RESOURCES, INC., US
[85] 2018-03-27
[86] 2016-09-29 (PCT/US2016/054523)
[87] (WO2017/059125)
[30] US (62/235,091) 2015-09-30

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[51] **Int.Cl. G01N 33/68 (2006.01) G06F 19/18 (2011.01) G01N 33/536 (2006.01)**
[25] EN
[54] **BIOMARKERS AND METHODS FOR ASSESSING PSORIATIC ARTHRITIS DISEASE ACTIVITY**
[54] **BIOMARQUEURS ET PROCEDES D'EVALUATION DE L'ACTIVITE DE LA MALADIE ARTHRITE PSORIASIQUE**
[72] SASSO, ERIC, US
[72] EASTMAN, PAUL SCOTT, US
[72] BOLCE, REBECCA, US
[72] KAVANAUGH, ARTHUR, US
[71] CRESCENDO BIOSCIENCE, US
[71] UNIVERSITY OF CALIFORNIA SAN DIEGO, US
[85] 2018-03-27
[86] 2016-09-29 (PCT/US2016/054323)
[87] (WO2017/059003)
[30] US (62/234,526) 2015-09-29

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[51] **Int.Cl. F16B 43/00 (2006.01) E04B 1/24 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **WASHER WITH SHEAR TUBE**
[54] **RONDELLE A TUBE A CISAILLEMENT**
[72] LEICHTI, ROBERT J., US
[72] LIN, JIN-JIE, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
[85] 2018-03-27
[86] 2016-09-28 (PCT/US2016/054219)
[87] (WO2017/058941)
[30] US (62/234,425) 2015-09-29

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01)**
[25] EN
[54] **TLR MODULATORS AND METHODS OF USE**
[54] **MODULATEURS TLR ET METHODES D'UTILISATION ASSOCIEES**
[72] HORAN, GERALD SCOTT BARDEN, US
[71] CELGENE ALPINE INVESTMENT COMPANY II, LLC, BM
[85] 2018-03-27
[86] 2016-09-30 (PCT/US2016/054734)
[87] (WO2017/059225)
[30] US (62/235,475) 2015-09-30
[30] US (62/360,256) 2016-07-08

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4409 (2006.01) A61P 9/10 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **TREATMENT OF ACUTE TRAUMATIC INJURY**
[54] **TRAITEMENT D'UNE LESION TRAUMATIQUE AIGUE**
[72] NOBLE, MARK, US
[72] PROSCHEL, CHRISTOPH, US
[72] NATOLA, HEATHER, US
[72] TSENG, KUANG-CHING, US
[72] ELFAR, JOHN C., US
[72] YUE, LI, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2018-03-27
[86] 2016-09-30 (PCT/US2016/054903)
[87] (WO2017/059309)
[30] US (62/235,874) 2015-10-01

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[51] **Int.Cl. C07D 211/96 (2006.01) A61K 31/45 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A HEPATITIS B ANTIVIRAL AGENT**
[54] **FORMES CRISTALLINES D'UN AGENT ANTIVIRAL DE L'HEPATITE B**
[72] HARTMAN, GEORGE D., US
[71] NOVIRA THERAPEUTICS, INC., US
[85] 2018-03-27
[86] 2016-09-29 (PCT/US2016/054424)
[87] (WO2017/059059)
[30] US (62/234,124) 2015-09-29

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[51] **Int.Cl. A61K 31/44 (2006.01) A01N 43/40 (2006.01) C07D 213/02 (2006.01)**
[25] EN
[54] **ALKYLATION OF PICOLINAMIDES WITH SUBSTITUTED CHLOROACYLALS UTILIZING A CROWN ETHER CATALYST**
[54] **ALKYLATION DE PICOLINAMIDES AVEC DES CHLOROACYLALS SUBSTITUES A L'AIDE D'UN CATALYSEUR A L'ETHER COURONNE**
[72] JANSMA, MATTHEW J., US
[72] ADAWAY, TIMOTHY J., US
[72] TRIPPEER, MICHAEL LEE, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-03-27
[86] 2016-10-04 (PCT/US2016/055331)
[87] (WO2017/062362)
[30] US (62/237,844) 2015-10-06

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[51] **Int.Cl. B29C 49/00 (2006.01)**
[25] EN
[54] **BLOW MOLD ASSEMBLY**
[54] **ENSEMBLE MOULE DE SOUFFLAGE**
[72] SPAGNOLI, ROBERT ANTHONY, US
[72] PADLEY, ROBERT L., US
[72] ISAAC, CHRISTOPHER BRIAN, US
[71] MILACRON LLC, US
[85] 2018-03-27
[86] 2016-10-04 (PCT/US2016/055295)
[87] (WO2017/062346)
[30] US (14/874,494) 2015-10-05

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[51] **Int.Cl. H04W 4/10 (2009.01) H04B 1/44 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **PTT NETWORK WITH RADIO CONDITION AWARE MEDIA PACKET AGGREGATION SCHEME**
[54] **RESEAU DE CONVERSATION INSTANTANEE AVEC SCHEMA D'AGREGATION DE PAQUETS TENANT COMPTE DE LA CONDITION RADIO**
[72] NEGALAGULI, HARISHA M., US
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] JAIN, ABHISHEK SUBHASHKUMAR, US
[71] KODIAK NETWORKS, INC., US
[85] 2018-03-27
[86] 2016-10-06 (PCT/US2016/055713)
[87] (WO2017/062596)
[30] US (62/237,965) 2015-10-06
[30] US (62/272,867) 2015-12-30

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[51] **Int.Cl. A61K 39/09 (2006.01)**
[25] EN
[54] **STREPTOCOCCUS SUIS POLYSACCHARI DE-PROTEIN CONJUGATE COMPOSITION**
[54] **COMPOSITION DE CONJUGUES POLYSACCHARIDE STREPTOCOCCUS SUIS-PROTEINE**
[72] GOTTSCHALK, MARCELO, CA
[72] GOYETTE-DESJARDINS, GUILLAUME, CA
[72] KEMPKER, JENNIFER ANNE, US
[72] NEUBAUER, AXEL, US
[72] ROY, RENE, CA
[72] SEGURA, MARIELA, CA
[72] SHIAO, TZE CHICH, CA
[71] BOEHRINGER INGELHEIM VETMEDICA, INC., US
[71] UNIVERSITE DE MONTREAL, CA
[71] UNIVERSITE DU QUEBEC A MONTREAL, CA
[85] 2018-03-27
[86] 2016-10-06 (PCT/US2016/055658)
[87] (WO2017/062558)
[30] US (62/238,516) 2015-10-07

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[51] **Int.Cl. H04W 4/10 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEDIA ENCODING SCHEME (MES) SELECTION**
[54] **SYSTEME ET PROCEDE DE SELECTION DE SCHEMA DE CODAGE MULTIMEDIA (MES)**
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[71] KODIAK NETWORKS, INC., US
[85] 2018-03-27
[86] 2016-10-06 (PCT/US2016/055807)
[87] (WO2017/062655)
[30] US (62/237,965) 2015-10-06
[30] US (62/272,867) 2015-12-30

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[51] **Int.Cl. E04C 3/34 (2006.01) E02D 27/01 (2006.01) E02D 27/42 (2006.01) E04C 3/36 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **DECONSTRUCTABLE SUPPORT COLUMN STRUCTURES**
[54] **STRUCTURES DE COLONNE DE SUPPORT DEMONTABLES**
[72] GHUSN, GEORGE, US
[72] SAIIDI, MEHDI, US
[71] BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION, ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO, US
[85] 2018-03-27
[86] 2016-10-03 (PCT/US2016/055155)
[87] (WO2017/059421)
[30] US (14/873,052) 2015-10-01

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[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **CLINICAL DASHBOARD USER INTERFACE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INTERFACE UTILISATEUR DE TABLEAU DE BORD CLINIQUE**
[72] AMARASINGHAM, RUBENDRAN, US
[72] SWANSON, TIMOTHY S., US
[72] NALLA, SAMBAMURTHY, US
[72] QIAN, YU, US
[72] OLIVER, GEORGE R., US
[72] GERRA, KIMBERLY P., US
[71] PARKLAND CENTER FOR CLINICAL INNOVATION, US
[85] 2018-03-27
[86] 2016-08-25 (PCT/US2016/048796)
[87] (WO2017/035414)
[30] US (14/835,698) 2015-08-25

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[51] **Int.Cl. H04W 40/12 (2009.01) H04L 12/823 (2013.01)**
[25] EN
[54] **SUPPLEMENTAL AND ALTERNATIVE DIGITAL DATA DELIVERY AND RECEIPT MESH NETWORK REALIZED THROUGH THE PLACEMENT OF ENHANCED TRANSFORMER MOUNTED MONITORING DEVICES**
[54] **RESEAU MAILLE D'EMISSION ET DE RECEPTION DE DONNEES NUMERIQUES SUPPLEMENTAIRE ET ALTERNATIF REALISE PAR LE BIAIS DE LA MISE EN PLACE DE DISPOSITIFS DE SURVEILLANCE AMELIORES MONTES SUR TRANSFORMATEURS**
[72] FOSTER, SCOTT, US
[72] BORRELLI, ANGELO, US
[72] TEICHMANN, KEITH, US
[71] DELTA ENERGY & COMMUNICATIONS, INC., US
[85] 2018-03-27
[86] 2016-08-29 (PCT/US2016/049245)
[87] (WO2017/058435)
[30] US (62/236,420) 2015-10-02

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[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/20 (2006.01) C07K 14/55 (2006.01) C12N 15/24 (2006.01) C12N 15/26 (2006.01)**
[25] EN
[54] **MODULATING GAMMA -C- CYTOKINE ACTIVITY**
[54] **MODULATION DE L'ACTIVITE DES CYTOKINES GAMMA-C**
[72] AZIMI, NAZLI, US
[71] BIONIZ, LLC, US
[85] 2018-03-27
[86] 2016-10-06 (PCT/US2016/055845)
[87] (WO2017/062685)
[30] US (62/239,761) 2015-10-09

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[13] A1
[51] **Int.Cl. A44C 5/12 (2006.01) A44C 15/00 (2006.01) A44C 13/00 (2006.01) A44C 17/02 (2006.01)**
[25] FR
[54] **PORTABLE DECORATIVE ELEMENT COMPRISING A FITTING CLAMPED UNDER A CUT METAL SHEET**
[54] **ELEMENT DECORATIF PORTATIF COMPORTANT UNE GARNITURE PLAQUEE SOUS UNE TOLE DECOUPEE**
[72] RACT, NICOLAS, FR
[71] ALTESSE, FR
[85] 2018-03-20
[86] 2016-09-20 (PCT/FR2016/000141)
[87] (WO2017/051082)
[30] FR (1558997) 2015-09-24

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-LAG3 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-LAG3 ET LEURS UTILISATIONS**
[72] ULLMAN, ERICA, US
[72] HERMANN, AYNUR, US
[72] IOFFE, ELLA, US
[72] BUROVA, ELENA, US
[72] THURSTON, GAVIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-03-27
[86] 2016-10-07 (PCT/US2016/056156)
[87] (WO2017/062888)
[30] US (62/239,524) 2015-10-09
[30] US (62/257,791) 2015-11-20
[30] US (62/315,119) 2016-03-30
[30] US (62/359,921) 2016-07-08
[30] US (62/365,006) 2016-07-21

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[13] A1
[51] **Int.Cl. A61M 11/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DIFFUSING HIGH CONCENTRATION NO WITH INHALATION THERAPY GAS**
[54] **DISPOSITIF ET PROCEDE DE DIFFUSION DE MONOXYDE D'AZOTE (NO) DE CONCENTRATION ELEVEE AVEC THERAPIE D'INHALATION DE GAZ**
[72] FALLIGANT, JOHN C., US
[72] TOLMIE, CRAIG R., US
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE
[85] 2018-03-27
[86] 2016-09-30 (PCT/US2016/054795)
[87] (WO2017/059258)
[30] US (62/235,798) 2015-10-01
[30] US (15/281,512) 2016-09-30

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[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF AN IL-2RBETA-SELECTIVE AGONIST AND A LONG-ACTING IL-15 AGONIST**
[54] **COMBINAISON D'UN AGONISTE SELECTIF DE L'IL-2RBETA ET D'UN AGONISTE DE L'IL-15 A ACTION PROLONGEE**
[72] CHARYCH, DEBORAH, US
[72] KIRK, PETER, US
[71] NEKTAR THERAPEUTICS, US
[85] 2018-03-27
[86] 2016-10-07 (PCT/US2016/056088)
[87] (WO2017/062832)
[30] US (62/239,207) 2015-10-08

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[13] A1
[51] **Int.Cl. C07F 9/6574 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES ORGANOPHOSPHORES**
[72] BIGI, MARINUS A., US
[72] BRAMMER, MICHAEL A., US
[72] MILLER, GLENN A., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2018-03-27
[86] 2016-09-07 (PCT/US2016/050481)
[87] (WO2017/058475)
[30] US (62/234,938) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 31/23 (2006.01) A61K 9/06 (2006.01) A61K 47/14 (2017.01) A61K 47/44 (2017.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO TREAT URINARY TRACT INFECTIONS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES INFECTIONS DU TRACTUS URINAIRE**
[72] SCHLIEVERT, PATRICK M., US
[72] PETERSON, MARNIE L., US
[71] HENNEPIN LIFE SCIENCES, LLC, US
[85] 2018-03-27
[86] 2016-10-07 (PCT/US2016/056078)
[87] (WO2017/066100)
[30] US (62/241,321) 2015-10-14

[21] **3,000,214**
[13] A1
[51] **Int.Cl. C07F 9/6574 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS**
[54] **PROCEDES DE PRODUCTION DE COMPOSES ORGANOPHOSPHORES**
[72] BIGI, MARINUS A., US
[72] BRAMMER, MICHAEL A., US
[72] MILLER, GLENN A., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2018-03-27
[86] 2016-09-07 (PCT/US2016/050485)
[87] (WO2017/058476)
[30] US (62/235,090) 2015-09-30

[21] **3,000,215**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **ANTIGEN-BINDING PROTEINS THAT ACTIVATE THE LEPTIN RECEPTOR**
[54] **PROTEINES DE LIAISON D'ANTIGENE QUI ACTIVENT LE RECEPTEUR DE LA LEPTINE**
[72] GROMADA, JESPER, US
[72] STEVIS, PANAYIOTIS, US
[72] ALTAREJOS, JUDITH, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-03-27
[86] 2016-10-11 (PCT/US2016/056465)
[87] (WO2017/066204)
[30] US (62/240,021) 2015-10-12
[30] US (62/359,757) 2016-07-08
[30] US (62/375,495) 2016-08-16
[30] US (62/393,143) 2016-09-12

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[13] A1
[51] **Int.Cl. B01J 20/20 (2006.01) B01D 53/04 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) B01J 20/32 (2006.01)**
[25] EN
[54] **CARBON MOLECULAR SIEVE ADSORBENTS PREPARED FROM ACTIVATED CARBON AND USEFUL FOR PROPYLENE-PROPANE SEPARATION**
[54] **ADSORBANTS A TAMIS MOLECULAIRE DE CARBONE PREPARES A PARTIR DE CHARBON ACTIF ET UTILES POUR LA SEPARATION DE PROPYLENE-PROPANE**
[72] LIU, JUNQIANG, US
[72] HAN, CHAN, US
[72] GOSS, JANET M., US
[72] CALVERLEY, EDWARD M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-08 (PCT/US2016/050695)
[87] (WO2017/058486)
[30] US (62/234,701) 2015-09-30

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[13] A1
[51] **Int.Cl. B32B 7/02 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **SHRINK FILMS, AND METHODS OF MAKING THEREOF**
[54] **FILMS RETRECISSABLES ET LEURS PROCEDES DE FABRICATION**
[72] MOLANO NIAMPIRA, MIGUEL A., CO
[72] ZANETTI, MAXIMILIANO, AR
[72] RAIMONDI, GUILLERMO A., AR
[72] GOMES, JORGE C., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] DOW QUIMICA DE COLOMBIA S.A., CO
[71] PBBPOLISUR S.R.L., AR
[85] 2018-03-27
[86] 2016-09-09 (PCT/US2016/050966)
[87] (WO2017/058493)
[30] US (62/234,111) 2015-09-29

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[13] A1
[51] **Int.Cl. G08B 25/14 (2006.01) G08B 3/10 (2006.01) G08B 21/02 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **HISTORY ARCHIVE OF LIVE AUDIO AND METHODS OF USING THE SAME**
[54] **ARCHIVE HISTORIQUE D'AUDIO EN DIRECT ET SES PROCEDES D'UTILISATION**
[72] EL-MANKABADY, EMAD, US
[72] IASSO, DANIEL S., US
[72] LIMLAW, ROBERT, US
[72] PERLAK, LESTER K., US
[72] BAKER, GEORGE E., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-03-27
[86] 2016-09-19 (PCT/US2016/052435)
[87] (WO2017/058544)
[30] US (14/868,881) 2015-09-29

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **WELL-PLATE INCUBATOR**
[54] **INCUBATEUR A PLAQUE A CAVITES**
[72] NEWSTROM, RUSSELL, US
[72] MCFARLAND, ANDREW, US
[72] KELLY-GREENE, DARCY, US
[72] NEVILL, J. TANNER, US
[72] WANG, GANG, US
[71] BERKELEY LIGHTS, INC., US
[85] 2018-03-27
[86] 2016-09-30 (PCT/US2016/054829)
[87] (WO2017/059273)
[30] US (62/235,863) 2015-10-01

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[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/12 (2006.01) C08G 18/20 (2006.01) C08G 18/32 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **ONE-COMPONENT FENESTRATION FOAM FORMULATION DEMONSTRATING LOW INITIAL SHRINKAGE**
[54] **FORMULATION DE MOUSSE DE FENESTRATION A UN SEUL CONSTITUANT PRESENTANT UN FAIBLE RETRAIT INITIAL**
[72] SELLE, BEVERLY, US
[72] SCHUTTER, DEBORAH A., US
[72] THOMAS, MEGAN, US
[72] COSTEUX, STEPHANE, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-20 (PCT/US2016/052563)
[87] (WO2017/058559)
[30] US (62/234,722) 2015-09-30

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[13] A1
[51] **Int.Cl. B65D 25/42 (2006.01) B65D 47/06 (2006.01) B65D 47/20 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FITMENT WITH VALVE AND ETHYLENE/.ALPHA.-OLEFIN MULTI-BLOCK COPOLYMER**
[54] **ACCESSOIRE AYANT VANNE ET COPOLYMERE A SEQUENCES MULTIPLES ETHYLENE/.ALPHA.-OLEFINE**
[72] FRANCA, MARCOS P., BR
[72] PEREIRA, BRUNO R., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-21 (PCT/US2016/052903)
[87] (WO2017/058613)
[30] US (14/871,129) 2015-09-30

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[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER WITH EXTENDABLE SPOUT**
[54] **RECIPIENT SOUPLE COMPRENANT UN BEC VERSEUR EXTENSIBLE**
[72] FRANCA, MARCOS, BR
[72] PEREIRA, BRUNO RUFATO, BR
[72] MA, LIANGKAI, US
[72] CRABTREE, SAM L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-22 (PCT/US2016/053056)
[87] (WO2017/058630)
[30] US (14/871,608) 2015-09-30

[21] **3,000,223**
[13] A1
[51] **Int.Cl. E05F 3/10 (2006.01) E05F 1/10 (2006.01) E05F 3/00 (2006.01) E05F 3/22 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROL OF SPRING FORCE IN A DOOR CLOSER OR OPERATOR**
[54] **APPAREIL ET PROCEDE DE COMMANDE DE FORCE DE RESSORT DANS UN DISPOSITIF D'ACTIONNEMENT OU DE FERMETURE DE PORTE**
[72] ZASOWSKI, PETER, US
[72] LAWHON, DUSTIN, US
[71] YALE SECURITY, INC., US
[85] 2018-03-27
[86] 2016-09-30 (PCT/US2016/054835)
[87] (WO2017/062283)
[30] US (62/237,724) 2015-10-06
[30] US (15/280,014) 2016-09-29

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[13] A1
[51] **Int.Cl. B65D 25/42 (2006.01) B65D 47/06 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FITMENT WITH ETHYLENE/.ALPHA.-OLEFIN MULTI-BLOCK COPOLYMER**
[54] **ACCESSOIRE AVEC COPOLYMERE A SEQUENCES MULTIPLES ETHYLENE/?-OLEFINE**
[72] FRANCA, MARCOS P., BR
[72] PEREIRA, BRUNO R., BR
[72] SCHULZ, PETER J., US
[72] KALEYTA, SCOTT R., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-22 (PCT/US2016/053117)
[87] (WO2017/058634)
[30] US (62/235,009) 2015-09-30

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[21] **3,000,225**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **SECURE FILE TRANSFER WITH SECURE SSH KEY AUTHENTICATION**
[54] **TRANSFERT DE FICHIERS SECURISE AVEC AUTHENTIFICATION SECURISEE PAR CLEF SSH**
[72] FORGUSON, DOUGLAS PAUL, US
[72] RATHORE, SACHIN KUMAR, IN
[72] SURVI, UDAY KUMAR, US
[72] DELLES, STEVEN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-03-27
[86] 2016-09-23 (PCT/US2016/053270)
[87] (WO2017/058649)
[30] US (14/867,253) 2015-09-28

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[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/40 (2006.01) C11D 17/04 (2006.01) C11D 17/06 (2006.01)**
[25] EN
[54] **PACKAGED COMPOSITION**
[54] **COMPOSITION CONDITIONNEE**
[72] MIRACLE, GREGORY SCOT, US
[72] DITULLIO, DANIEL DALE, JR., US
[72] SIVIK, MARK ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-27
[86] 2016-10-20 (PCT/US2016/057783)
[87] (WO2017/070265)
[30] US (62/245,456) 2015-10-23

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[13] A1
[51] **Int.Cl. E01B 27/16 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **HYBRID CONTINUOUS INDEXING TAMPER VEHICLE**
[54] **VEHICULE A BOURREUR D'INDEXATION CONTINUE HYBRIDE**
[72] MAURICE, PETER ROBERT, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2018-03-27
[86] 2016-09-26 (PCT/US2016/053722)
[87] (WO2017/058718)
[30] US (62/235,764) 2015-10-01

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[13] A1
[51] **Int.Cl. G06F 13/16 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY FRONT END DEVICES WITH MASKED WRITE**
[54] **DISPOSITIFS FRONTAUX RADIOFREQUENCE AVEC ECRITURE MASQUEE**
[72] MISHRA, LALAN JEE, US
[72] WIETFELDT, RICHARD, US
[72] O'SHEA, HELENA DEIRDRE, US
[72] CHEN, ZHENQI, US
[72] ROETHIG, WOLFGANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-27
[86] 2016-10-20 (PCT/US2016/057951)
[87] (WO2017/070371)
[30] US (62/245,731) 2015-10-23
[30] US (62/348,619) 2016-06-10
[30] US (15/298,071) 2016-10-19

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[13] A1
[51] **Int.Cl. B66C 1/02 (2006.01) B66C 1/66 (2006.01) B66C 3/00 (2006.01)**
[25] EN
[54] **A TRUCK MOUNTED VACUUM MATERIAL HANDLER, WITH QUICK CONNECTION AND DISCONNECTION**
[54] **MANIPULATEUR DE MATERIAU SOUS VIDE MONTE SUR CAMION, AVEC RACCORDEMENT ET DEBRANCHEMENT RAPIDE**
[72] SOLOMON, WILLIAM, US
[72] HAYS, JAMES K., US
[71] VACUWORX GLOBAL, LLC, US
[85] 2018-03-27
[86] 2016-10-24 (PCT/US2016/058456)
[87] (WO2017/070666)
[30] US (62/244,827) 2015-10-22

[21] **3,000,230**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61K 45/06 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **STATE-DEPENDENT PERIPHERAL NEUROMODULATION TO TREAT BLADDER DYSFUNCTION**
[54] **NEUROMODULATION PERIPHERIQUE DEPENDANTE DE L'ETAT POUR TRAITER UN DYSFONCTIONNEMENT DE LA VESSIE**
[72] GRILL, WARREN M., US
[72] HOKANSON, JAMES A., US
[72] LANGDALE, CHRISTOPHER L., US
[71] DUKE UNIVERSITY, US
[85] 2018-03-27
[86] 2016-10-14 (PCT/US2016/057043)
[87] (WO2017/066572)
[30] US (62/241,825) 2015-10-15

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[13] A1
[51] **Int.Cl. A22C 11/02 (2006.01) A22C 13/02 (2006.01)**
[25] EN
[54] **A DOUBLE TUBE ENCASING APPARATUS**
[54] **APPAREIL DE GAINAGE A TUBE DOUBLE**
[72] MERCURI, ENNIO, AU
[72] MENDO, ANTHONY, AU
[72] MERCURI, JAMES, AU
[71] MERCTECH PTY LTD, AU
[85] 2018-03-28
[86] 2016-09-28 (PCT/AU2016/000333)
[87] (WO2017/054029)
[30] AU (2015903937) 2015-09-28

[21] **3,000,232**
[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 45/00 (2006.01) A61K 47/00 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE PREVENTION OF SUICIDE, HOMICIDE AND SELF-HARMING BEHAVIORS**
[54] **METHODES ET COMPOSITIONS POUR LA PREVENTION DU SUICIDE, DE L'HOMICIDE ET DE COMPORTEMENTS AUTODESTRUCTEURS**
[72] MELONI, EDWARD G., US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2018-03-27
[86] 2016-11-09 (PCT/US2016/061117)
[87] (WO2017/083373)
[30] US (62/252,703) 2015-11-09

[21] **3,000,235**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTELLIGENT COUPON DISTRIBUTION, REDEMPTION, AND TRACKING**
[54] **SYSTEMES ET PROCEDES DESTINES A LA DISTRIBUTION, LE RACHAT ET LE SUIVI DE COUPONS INTELLIGENTS**
[72] MASON-GUGENHEIM, NANCY, US
[72] RAMIREZ-GUGENHEIM, JESSICA, US
[71] CLIPCART CORP., US
[85] 2018-03-27
[86] 2017-01-30 (PCT/US2017/015675)
[87] (WO2017/136291)
[30] US (62/291,305) 2016-02-04

[21] **3,000,236**
[13] A1
[51] **Int.Cl. F42D 1/05 (2006.01) F42C 11/00 (2006.01)**
[25] EN
[54] **WIRELESS DETONATOR**
[54] **DETONATEUR SANS FIL**
[72] VENTER, FRANCOIS, ZA
[72] MULLER, ELMAR LENNOX, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2018-03-27
[86] 2016-08-04 (PCT/ZA2016/050028)
[87] (WO2017/083885)
[30] ZA (2015/08238) 2015-11-09

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[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) F24F 13/08 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **AIR DIFFUSER**
[54] **DIFFUSEUR D'AIR**
[72] LI, YI, AU
[72] BADENHORST, SEAN, AU
[71] KAIP PTY LIMITED, AU
[85] 2018-03-28
[86] 2016-09-29 (PCT/AU2016/050924)
[87] (WO2017/054055)
[30] AU (2015903966) 2015-09-29
[30] AU (2016901983) 2016-05-25

[21] **3,000,239**
[13] A1
[51] **Int.Cl. H02P 25/20 (2006.01) H02P 27/06 (2006.01)**
[25] EN
[54] **HIGH-LOW-VOLTAGE CONVERSION STAR MULTI-PHASE VARIABLE-FREQUENCY DRIVE SYSTEM**
[54] **SYSTEME D'ATTAQUE A FREQUENCE VARIABLE POLYPHASE DU TYPE EN ETOILE A CONVERSION HAUTE/BASSE TENSION**
[72] WANG, JIANQIAO, CN
[72] WU, XUANDONG, CN
[72] LIAN, CHENLONG, CN
[72] YAN, WEICAN, CN
[71] WOLONG ELECTRIC GROUP CO., LTD., CN
[85] 2018-03-26
[86] 2016-02-22 (PCT/CN2016/074203)
[87] (WO2017/049859)
[30] CN (201510614440.0) 2015-09-24

[21] **3,000,242**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **ANTI-PODOCALYXIN ANTIBODIES AND METHODS OF USING THE SAME**
[54] **ANTICORPS ANTI-PODOCALYXINE ET LEURS METHODES D'UTILISATION**
[72] MCNAGNY, KELLY MARSHALL, CA
[72] ROSKELLEY, CALVIN D., CA
[72] HUGHES, MICHAEL R., CA
[72] HERNAEZ, DIANA CANALS, CA
[72] BLIXT, KLAS OLA, SE
[72] BABCOOK, JOHN STEPHEN, CA
[72] BOND, CHRISTOPHER JOHN, US
[72] SAMUDIO, ISMAEL, CA
[72] BERGQVIST, JAN PETER, CA
[72] MACDONALD, KATHERINE GRACE, CA
[72] VON ROSSUM, ANNA, CA
[72] HEDBERG, BRADLEY JOHN, CA
[71] THE CENTRE FOR DRUG RESEARCH AND DEVELOPMENT, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2018-03-27
[86] 2016-09-30 (PCT/CA2016/051145)
[87] (WO2017/054089)
[30] US (62/236,130) 2015-10-01
[30] US (62/244,644) 2015-10-21
[30] US (62/291,262) 2016-02-04

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[13] A1
[51] **Int.Cl. F03B 17/00 (2006.01) F03B 17/04 (2006.01)**
[25] EN
[54] **GENERATING ENERGY BY MEANS OF AUTARCHIC TYPE 2.1 TO TYPE 4.1 HYDROELECTRIC POWER PLANTS**
[54] **PRODUCTION D'ENERGIE AU MOYEN DE CENTRALES HYDROELECTRIQUES AUTONOMES DE TYPE 2.1 A 4.1**
[72] MUELLER, HANS-JURGEN, DE
[71] MUELLER, HANS-JURGEN, DE
[85] 2018-03-28
[86] 2016-02-16 (PCT/DE2016/000057)
[87] (WO2017/054791)
[30] DE (PCT/DE2015/000479) 2015-09-29

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[13] A1
[51] **Int.Cl. G01S 7/521 (2006.01) E01C 19/00 (2006.01) E02F 9/20 (2006.01) G01S 7/52 (2006.01) G01S 15/87 (2006.01)**
[25] EN
[54] **SENSOR WITH MONOLITHIC ULTRASONIC ARRAY**
[54] **CAPTEUR COMPRENANT UN ENSEMBLE ULTRASONIQUE MONOLITHIQUE**
[72] SCHULTE, JOHANNES, DE
[71] MICROSONIC GMBH, DE
[85] 2018-03-28
[86] 2015-10-09 (PCT/DE2015/100420)
[87] (WO2017/059837)

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[21] **3,000,269**
[13] A1
[51] **Int.Cl. A01D 41/14 (2006.01) A01D 45/02 (2006.01)**
[25] EN
[54] **DEVICE FOR HARVESTING STALK-LIKE STEM CROPS**
[54] **DISPOSITIF DE RECOLTE DE PRODUITS A TIGE SUR PIED**
[72] HEMMESMANN, ANDRE, DE
[72] GERSMANN, THOMAS, DE
[72] BEUMKER, MARTIN, DE
[72] SCHARMANN, DAVID, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[85] 2018-03-28
[86] 2016-09-21 (PCT/EP2016/001577)
[87] (WO2017/054908)
[30] DE (10 2015 116 372.1) 2015-09-28

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[13] A1
[51] **Int.Cl. E02F 3/40 (2006.01) E02F 3/815 (2006.01) E02F 3/96 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A PRECISELY FITTING ATTACHMENT BLADE AND A CORRESPONDING EXCAVATOR SCOOP**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE UNE LAME D'ATTAQUE SUR MESURE ET GODET D'EXCAVATRICE CORRESPONDANT**
[72] ANDRITZKY, JOSEF, DE
[71] FRANZ KASSECKER GMBH, DE
[85] 2018-03-28
[86] 2016-09-22 (PCT/EP2016/001583)
[87] (WO2017/054911)
[30] DE (10 2015 012 681.4) 2015-09-28
[30] DE (20 2015 006 848.0) 2015-09-28

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[21] **3,000,271**
[13] A1
[51] **Int.Cl. B62K 3/00 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **HUMAN-MACHINE INTERACTION BODY-SENSING VEHICLE**
[54] **VEHICULE A DETECTION DE CORPS AVEC INTERACTION HOMME-MACHINE**
[72] YING, JIAWEI, CN
[71] HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD, CN
[85] 2018-03-28
[86] 2016-09-30 (PCT/CN2016/100984)
[87] (WO2017/054764)
[30] CN (201510666424.6) 2015-10-01

[21] **3,000,273**
[13] A1
[51] **Int.Cl. A01D 41/14 (2006.01) A01D 45/02 (2006.01)**
[25] EN
[54] **DEVICE FOR HARVESTING STALK-LIKE STEM CROPS WITH ADJUSTABLE PICKING PLATES**
[54] **DISPOSITIF DE RECOLTE DE CEREALES A TIGES COMPRENANT DES PLAQUES DE CUEILLETTE MOBILES**
[72] ALBINGER, BERND, DE
[72] HEMMESMANN, ANDRE, DE
[72] BEUMKER, MARTIN, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[85] 2018-03-28
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[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **CYCLIC AMINE FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE**
[54] **AMINES CYCLIQUES POUR L'ELIMINATION SELECTIVE DE SULFURE D'HYDROGENE**
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[72] KATZ, TORSTEN, DE
[72] VORBERG, GERALD, DE
[72] NOTZ, RALF, DE
[71] BASF SE, DE
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[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **SMALL MOLECULES BLOCKING HISTONE READER DOMAINS**
[54] **PETITES MOLECULES BLOQUANT LES DOMAINES LECTEUR D'HISTONE**
[72] GROTH, ANJA, DK
[72] SAREDI, GIULIA, DK
[72] HUANG, HONGDA, US
[72] HAMMOND, COLIN, DK
[72] PATEL, DINSHAW, US
[71] UNIVERSITY OF COPENHAGEN, DK
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[86] 2016-09-30 (PCT/DK2016/050317)
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[30] DK (PA2015 00605) 2015-10-02
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[25] EN
[54] **DEVICE FOR HARVESTING STALK-LIKE STEM CROPS**
[54] **DISPOSITIF DE RECOLTE DE CEREALES A TIGES**
[72] TIESSEN, REIMER, DE
[72] HEMMESMANN, ANDRE, DE
[72] BEUMKER, MARTIN, DE
[72] GERSMANN, THOMAS, DE
[72] SCHARMANN, DAVID, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
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[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **AUTOINJECTOR WITH METERING DEVICE**
[54] **AUTO-INJECTEUR COMPRENANT UN DOSEUR**
[72] KEITEL, JOACHIM, DE
[71] HASELMEIER AG, CH
[85] 2018-03-28
[86] 2016-09-26 (PCT/EP2016/001597)
[87] (WO2017/054914)
[30] DE (20 2015 006 845.6) 2015-09-30

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[51] **Int.Cl. F16B 13/08 (2006.01)**
[25] EN
[54] **TOGGLE FIXING**
[54] **CHEVILLE A BASCULE**
[72] DALY, AARON, DE
[71] FISCHERWERKE GMBH & CO. KG, DE
[85] 2018-03-28
[86] 2016-09-12 (PCT/EP2016/071427)
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[54] **INJECTION APPARATUS**
[54] **DISPOSITIF D'INJECTION**
[72] KEITEL, JOACHIM, DE
[71] HASELMEIER AG, CH
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[25] EN
[54] **HEIGHT CONTROL MECHANISM**
[54] **DISPOSITIF DE CORRECTION D'ASSIETTE**
[72] KREMMEL, DANIEL, AT
[72] DEUTSCH, CHRISTIAN, AT
[71] LIEBHERR-TRANSPORTATION SYSTEMS GMBH & CO. KG, AT
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[30] DE (10 2015 013 605.4) 2015-10-21

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[54] **TOGGLE FIXING**
[54] **CHEVILLE A BASCULE**
[72] DALY, AARON, DE
[71] FISCHERWERKE GMBH & CO. KG, DE
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[25] EN
[54] **AMINE COMPOUNDS FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE**
[54] **COMPOSES AMINE POUR L'ELIMINATION SELECTIVE DE SULFURE D'HYDROGENE**
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[71] BASF SE, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING CANCER STEM CELLS**
[54] **COMPOSITIONS ET PROCEDE D'INHIBITION DE CELLULES SOUCHES CANCEREUSES**
[72] HURT, ELAINE M, US
[72] MINTER, RALPH, GB
[72] RUST, STEVEN, GB
[72] SANDERCOCK, ALAN, GB
[72] KARATHANASIS, SOTIRIOS, US
[71] MEDIMMUNE LIMITED, GB
[85] 2018-03-28
[86] 2016-09-29 (PCT/EP2016/073362)
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[30] US (62/235,144) 2015-09-30

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[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **METHOD FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE**
[54] **PROCEDE D'ELIMINATION SELECTIVE DE SULFURE D'HYDROGENE**
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[71] BASF SE, DE
[85] 2018-03-28
[86] 2016-09-26 (PCT/EP2016/072785)
[87] (WO2017/055192)
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[25] EN
[54] **DEVICE AND METHOD FOR PRINTING LABELS BY THERMAL PRINTING**
[54] **DISPOSITIF ET PROCEDE D'IMPRESSION D'ETIQUETTES PAR IMPRESSION THERMIQUE**
[72] VICKTORIUS, WINFRIED, DE
[72] KORTHAUER, MARCUS, DE
[72] WOLFF, PETER, DE
[71] ESPERA-WERKE GMBH, DE
[85] 2018-03-28
[86] 2016-08-25 (PCT/EP2016/070051)
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[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/48 (2006.01)**
[25] EN
[54] **COMPOSITION FOR COATING FROZEN CONFECTIONERY AND A PROCESS FOR MANUFACTURING SAME**
[54] **COMPOSITION D'ENROBAGE DE CONFISERIE GLACEE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] RAY, JOYDEEP, CH
[72] SCHAFER, OLIVIER, CH
[72] BUCZKOWSKI, JOHANN, CH
[71] NESTEC S.A., CH
[85] 2018-03-28
[86] 2016-09-29 (PCT/EP2016/073375)
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[51] **Int.Cl. C12P 21/02 (2006.01) A61K 38/43 (2006.01) A61K 38/47 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **MODIFIED LYSOSOMAL PROTEIN AND PRODUCTION THEREOF**
[54] **PROTEINE LYSOSOMALE MODIFIEE ET SA PRODUCTION**
[72] NORDLING, ERIK, SE
[72] STROMBERG, PATRIK, SE
[72] SVENSSON GELIUS, STEFAN, SE
[71] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE
[85] 2018-03-28
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[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **GDF-15 AS A DIAGNOSTIC MARKER TO PREDICT THE CLINICAL OUTCOME OF A TREATMENT WITH IMMUNE CHECKPOINT BLOCKERS**
[54] **GDF-15 UTILISE COMME MARQUEUR DIAGNOSTIQUE POUR PREVOIR LE RESULTAT CLINIQUE D'UN TRAITEMENT AVEC DES BLOQUEURS DE POINT DE CONTROLE IMMUNITAIRE**
[72] WISCHHUSEN, JORG, DE
[72] HAAKE, MARKUS, DE
[72] DUMMER, REINHARD, CH
[72] MEHLING, MATTHIAS, CH
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
[85] 2018-03-28
[86] 2016-09-30 (PCT/EP2016/073519)
[87] (WO2017/055612)
[30] GB (1517527.6) 2015-10-02
[30] GB (1607800.8) 2016-04-29

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[25] EN
[54] **GDF-15 AS A DIAGNOSTIC MARKER FOR MELANOMA**
[54] **FACTEUR GDF-15 UTILISE EN TANT QUE MARQUEUR DIAGNOSTIQUE DU MELANOME**
[72] WISCHHUSEN, JORG, DE
[72] SCHAFER, TINA, DE
[72] WEIDE, BENJAMIN, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
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[87] (WO2017/055614)
[30] GB (1517528.4) 2015-10-02

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/00 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY USING INHIBITORS OF HUMAN GROWTH AND DIFFERENTIATION FACTOR 15 (GDF-15) AND IMMUNE CHECKPOINT BLOCKERS**
[54] **POLYTHERAPIE UTILISANT DES INHIBITEURS DU FACTEUR DE DIFFERENCIATION ET DE CROISSANCE HUMAINE 15 (GDF - 15) ET DES BLOQUEURS DE POINTS DE CONTROLE IMMUNITAIRE**
[72] WISCHHUSEN, JORG, DE
[72] HAAKE, MARKUS, DE
[72] DUMMER, REINHARD, CH
[72] MEHLING, MATTHIAS, CH
[72] SCHAFER, TINA, DE
[72] SELLE, MARTINA, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
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[86] 2016-09-30 (PCT/EP2016/073520)
[87] (WO2017/055613)
[30] GB (1517531.8) 2015-10-02
[30] GB (1607801.6) 2016-04-29

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[25] FR
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[54] **SYSTEME DE DECALAMINAGE D'UN MOTEUR A COMBUSTION INTERNE**
[72] LE POLLES, SEBASTIEN ALAIN, FR
[71] FLEX FUEL - ENERGY DEVELOPMENT, FR
[85] 2018-03-28
[86] 2016-09-30 (PCT/FR2016/052503)
[87] (WO2017/055768)
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[54] **VACUUM DISTILLATION FOR ENRICHING CANNABIDIOL**
[54] **DISTILLATION SOUS VIDE POUR L'ENRICHISSEMENT DE CANNABIDIOL**
[72] RUTZ, ANDREAS, DE
[72] ENGLERT, MICHAEL, DE
[71] BIONORICA ETHICS GMBH, DE
[85] 2018-03-28
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[25] EN
[54] **COMPOSITION COMPRISING NIACINAMIDE AND PICOLINAMIDE**
[54] **COMPOSITION COMPRENANT DU NIACINAMIDE ET DU PICOLINAMIDE**
[72] MAJUMDAR, AMITABHA, IN
[72] MATHAPATHI, MRUTHYUNJAYA SWAMY, IN
[71] UNILEVER PLC, GB
[85] 2018-03-28
[86] 2016-10-04 (PCT/EP2016/073626)
[87] (WO2017/060213)
[30] EP (15188360.0) 2015-10-05

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[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING THE CONCENTRATION OF AN ANALYTE IN A BODY FLUID**
[54] **PROCEDE ET APPAREIL DE DETERMINATION DE LA CONCENTRATION D'UN ANALYTE DANS UN FLUIDE BIOLOGIQUE**
[72] IBACH, ALEXANDER, DE
[72] RINGEMANN, CHRISTIAN, DE
[72] STEPHAN, PETER, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-28
[86] 2016-11-21 (PCT/EP2016/078299)
[87] (WO2017/089297)
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[51] **Int.Cl. D21C 3/00 (2006.01) C12N 9/42 (2006.01) D21C 3/24 (2006.01) D21C 3/26 (2006.01)**
[25] EN
[54] **USE OF CELLULASE TO IMPROVE VISCOSITY CONTROL OF DISSOLVING PULP**
[54] **UTILISATION DE CELLULASE POUR AMELIORER LA REGULATION DE LA VISCOSITE DE PATE A DISSOUDRE**
[72] LOUREIRO, PEDRO EMANUEL GARCIA, DK
[72] LUND, HENRIK, DK
[71] NOVOZYMES A/S, DK
[85] 2018-03-28
[86] 2016-10-20 (PCT/EP2016/075241)
[87] (WO2017/068048)
[30] EP (EP15191244.1) 2015-10-23

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[51] **Int.Cl. B32B 15/20 (2006.01) B32B 3/26 (2006.01) B32B 7/04 (2006.01) B32B 15/18 (2006.01) E04C 2/292 (2006.01) E04C 2/34 (2006.01) E04C 2/36 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A WELDED COMPONENT AND USE OF THE COMPONENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT SOUDE ET UTILISATION DUDIT ELEMENT**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2018-03-28
[86] 2016-10-04 (PCT/EP2016/073654)
[87] (WO2017/060229)
[30] EP (15188317.0) 2015-10-05

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[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/88 (2006.01) A61C 8/00 (2006.01) B29C 65/56 (2006.01)**
[25] EN
[54] **DEVICES FOR MINIMALLY INVASIVE IMMEDIATE IMPLANT STABILIZATION**
[54] **DISPOSITIFS POUR STABILISATION D'IMPLANT IMMEDIATE MINI-INVASIVE**
[72] FREI, CHRISTIAN, CH
[72] ZIMMERMANN, SIMON, CH
[72] SCHLOTTIG, FALKO, CH
[72] HORST, MARTIN, CH
[71] NEXILIS AG, CH
[85] 2018-03-28
[86] 2016-12-06 (PCT/EP2016/079883)
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[30] EP (15199997.6) 2015-12-15

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[13] A1
[51] **Int.Cl. G08B 5/22 (2006.01)**
[25] EN
[54] **NOTIFICATION DEVICE AND NOTIFICATION METHOD**
[54] **PROCEDE ET DISPOSITIF DE NOTIFICATION**
[72] ALCAIDE DIAS, MANEL, ES
[72] ALBIACH RUIZ, ANGEL, ES
[71] FUSIO D'ARTS TECHNOLOGY, S.L., ES
[85] 2018-03-28
[86] 2016-09-29 (PCT/ES2016/070687)
[87] (WO2017/055667)
[30] ES (P201531381) 2015-09-29

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[51] **Int.Cl. H02J 3/01 (2006.01) H02J 13/00 (2006.01)**
[25] FR
[54] **DETERMINATION OF HARMONIC POLLUTION OVER AN ELECTRICAL DISTRIBUTION NETWORK**
[54] **DETERMINATION D'UNE POLLUTION HARMONIQUE SUR UN RESEAU DE DISTRIBUTION D'ENERGIE ELECTRIQUE**
[72] RAMBAULT, LAURENT, FR
[71] UNIVERSITE DE POITIERS, FR
[85] 2018-03-28
[86] 2016-10-04 (PCT/FR2016/052540)
[87] (WO2017/060606)
[30] FR (1559507) 2015-10-06

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[13] A1
[51] **Int.Cl. C09C 1/36 (2006.01) C08K 3/00 (2018.01) C08K 9/02 (2006.01)**
[25] EN
[54] **PARTICLE SURFACE TREATMENT**
[54] **TRAITEMENT DE SURFACE DE PARTICULES**
[72] JONES, ANTHONY G, GB
[72] WILLIAMSON, DAVID, GB
[72] COSTELLO, PETER, GB
[72] EDWARDS, JOHN L, GB
[71] HUNTSMAN P&A UK LIMITED, GB
[85] 2018-03-28
[86] 2016-09-23 (PCT/GB2016/052963)
[87] (WO2017/055814)
[30] GB (1517478.2) 2015-10-02

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C07K 14/47 (2006.01) C12N 9/22 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **GENETICALLY-EDITED SWINE**
[54] **PORC GENETIQUEMENT MODIFIE**
[72] WHITELAW, CHRISTOPHER BRUCE ALEXANDER, GB
[72] LILLICO, SIMON GEOFFREY, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB
[85] 2018-03-28
[86] 2016-09-29 (PCT/GB2016/053025)
[87] (WO2017/055844)
[30] GB (1517227.3) 2015-09-29

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[51] **Int.Cl. A01N 35/02 (2006.01) A01N 25/00 (2006.01) A01N 27/00 (2006.01) A01N 31/02 (2006.01) A01N 35/04 (2006.01) A01N 37/02 (2006.01) A01P 19/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR ATTRACTING BED BUGS**
[54] **COMPOSITION POUR ATTIRER LES PUNAISES DE LIT**
[72] CAMERON, MARY MCFADDEN, GB
[72] LOGAN, JAMES GEORGE, GB
[72] WEEKS, EMMA NATALIE IVY, GB
[72] PICKETT, JOHN ANTHONY, GB
[72] BIRKETT, MICHAEL ALEXANDER, GB
[71] LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE, GB
[71] ROTHAMSTED RESEARCH LTD, GB
[85] 2018-03-28
[86] 2016-10-04 (PCT/GB2016/053076)
[87] (WO2017/060682)
[30] GB (1517546.6) 2015-10-05

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[13] A1
[51] **Int.Cl. A61K 31/5415 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/40 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS INCLUDING MELOXICAM-CYCLODEXTRIN INCLUSION COMPLEXES AND METHODS OF TREATING ACUTE PAIN**
[54] **COMPOSITIONS COMPRENANT DES COMPLEXES D'INCLUSION MELOXICAM-CYCLODEXTRINE ET METHODES DE TRAITEMENT DE LA DOULEUR AIGUE**
[72] SUN, HONG, CN
[72] HU, YAN, CN
[72] CHEN, YANSHENG, CN
[72] ZHAO, LUWEI, CN
[71] SUN, HONG, CN
[71] HU, YAN, CN
[71] CHEN, YANSHENG, CN
[71] ZHAO, LUWEI, CN
[85] 2018-03-28
[86] 2015-09-29 (PCT/IB2015/002670)
[87] (WO2017/042607)
[30] US (62/057,032) 2014-09-29

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[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **DEVICE FOR COLLECTION OF TISSUE AND METHOD OF USE**
[54] **DISPOSITIF DE COLLECTE DE TISSU ET PROCEDE D'UTILISATION**
[72] AXON, PATRICK, GB
[71] ARC MEDICAL DESIGN LIMITED, GB
[85] 2018-03-28
[86] 2016-10-07 (PCT/GB2016/053131)
[87] (WO2017/060726)
[30] GB (1517921.1) 2015-10-09
[30] GB (1608964.1) 2016-05-20

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[13] A1
[51] **Int.Cl. B65D 25/40 (2006.01) B01D 27/08 (2006.01) B01D 35/02 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE PLACEMENT IN FILTER AS YOU POUR SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT DE CARTOUCHE FILTRANTE DANS UN FILTRE AU MOMENT DU VERSEMENT**
[72] DANI, NIKHIL P., US
[72] RINKER, EDWARD B., US
[72] RUSSELL, BELL, US
[71] BRITA LP, CA
[85] 2018-03-28
[86] 2016-09-27 (PCT/IB2016/001474)
[87] (WO2017/055915)
[30] US (62/235,321) 2015-09-30

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[54] **ACTIVATED CARBON FIBER FILTER MEDIA LAMINATE**
[54] **STRATIFIE DE MATERIAU FILTRANT DE FIBRE DE CHARBON ACTIF**
[72] DANI, NIKHIL P., US
[72] BELL, RUSSELL, US
[71] BRITA LP, CA
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[54] **FILTER DESIGN WITH INTERCHANGEABLE CORE COVER**
[54] **CONCEPTION DE FILTRE DOTE DE COUVERCLE D'AME INTERCHANGEABLE**
[72] DANI, NIKHIL P., US
[72] BELL, RUSSELL, US
[71] BRITA LP, CA
[85] 2018-03-28
[86] 2016-09-27 (PCT/IB2016/001479)
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[25] EN
[54] **SWITCHABLE RADIO-FREQUENCY IDENTIFICATION TAG DEVICE**
[54] **DISPOSITIF D'ETIQUETTE D'IDENTIFICATION RADIOFREQUENCE COMMUTABLE**
[72] ROESNER, BRUCE, US
[71] STAR SYSTEMS INTERNATIONAL, LTD., CN
[85] 2018-03-28
[86] 2016-09-30 (PCT/IB2016/001486)
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[54] **FILTER CORE CONFIGURATION**
[54] **CONFIGURATION DE PARTIE CENTRALE DE FILTRE**
[72] DANI, NIKHIL P., US
[72] BELL, RUSSELL, US
[71] BRITA LP, CA
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[25] EN
[54] **HEPATITIS C VIRUS E1/E2 HETERODIMERS AND METHODS OF PRODUCING SAME**
[54] **HETERODIMERES E1/E2 DU VIRUS DE L'HEPATITE C ET LEURS PROCEDES DE PRODUCTION**
[72] HOUGHTON, MICHAEL, CA
[72] HOCKMAN, DARREN, CA
[72] LAW, JOHN L., CA
[72] CHEN, CHAO, CA
[72] LOGAN, MICHAEL, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2018-03-28
[86] 2016-10-07 (PCT/IB2016/056000)
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[54] **WOUND THERAPY**
[54] **TRAITEMENT DE PLAIES**
[72] EKSTEEN, EHREN CRONJE, ZA
[71] EKSTEEN, EHREN CRONJE, ZA
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[25] EN
[54] **LAMINATE CELL CONSTRUCTION SYSTEM**
[54] **SYSTEME DE CONSTRUCTION A BASE DE CELLULES SPATIALES**
[72] GADSDEN LOPEZ, CARLOS, MX
[72] GADSDEN HEVIA, CARLOS EDUARDO, MX
[71] GADSDEN LOPEZ, CARLOS, MX
[71] GADSDEN HEVIA, CARLOS EDUARDO, MX
[85] 2018-03-28
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[54] **COLD PLASMA OZONE GENERATOR**
[54] **GENERATEUR D'OZONE PAR PLASMA A FROID**
[72] RODAN, YUVAL, IL
[72] BADALOV, MEIR, IL
[72] VIZEL, MOTY, IL
[71] AQUALLENCE LTD ISRAEL, IL
[85] 2018-03-28
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[25] EN
[54] **SPRINKLER FOR FIRE EXTINGUISHER SYSTEMS**
[54] **EXTINCTEURS POUR SYSTEMES D'EXTINCTION D'INCENDIE**
[72] SCHNELL, STEFAN, DE
[72] RONNFELDT, FRANK, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-03-28
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING NANOFIBER**
[54] **DISPOSITIF DE PRODUCTION DE NANOFIBRE ET PROCEDE DE PRODUCTION DE NANOFIBRE**
[72] IKEGAYA, MORIHIKO, JP
[72] SOTA, HIROYOSHI, JP
[71] M-TECHX. INC., JP
[85] 2018-03-28
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[54] **NON-BURNING TYPE FLAVOR INHALER AND ATOMIZING UNIT**
[54] **INHALATEUR D'AROME DE TYPE SANS COMBUSTION ET UNITE D'ATOMISATION**
[72] SUZUKI, AKIHIKO, JP
[72] IRIYA, TATSUAKI, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2018-03-28
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[25] EN
[54] **RESIN ADDITIVE, AND MASTER BATCH AND RESIN COMPOSITION IN WHICH SAME IS USED**
[54] **ADDITIF DE RESINE, AINSI QUE MELANGE MAITRE ET COMPOSITION DE RESINE UTILISANT CELUI-CI**
[72] TAKAHASHI, IKUO, JP
[72] YAMAZAKI, YOSHIHIRO, JP
[72] TANIGUCHI, AKIRA, JP
[72] KOTANI, SAORI, JP
[72] NISHIKAWA, NAOKI, JP
[71] NISSHINBO CHEMICAL INC., JP
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[25] EN
[54] **INDUCTION MEDIUM AND METHODS FOR STEM CELL CULTURE AND THERAPY**
[54] **MILIEU D'INDUCTION ET PROCEDES POUR LA CULTURE ET LA THERAPIE DE CELLULES SOUCHES**
[72] BETANCOURT, ALINE, US
[71] COMMENCE BIO, INC., US
[85] 2018-03-28
[86] 2015-09-24 (PCT/US2015/052029)
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[25] EN
[54] **VEHICLE STATE INDICATION SYSTEM**
[54] **SYSTEME D'AFFICHAGE D'ETAT DE VEHICULE**
[72] WILLIAMS, BLAIR, US
[72] CEFKIN, MELISSA, US
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-28
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[54] **METHODS FOR IMPROVING DIABETES MANAGEMENT**
[54] **METHODES PERMETTANT D'AMELIORER LA PRISE EN CHARGE DU DIABETE**
[72] BEISSWENGER, PAUL J., US
[71] PREVENTAGE HEALTHCARE LLC, US
[85] 2018-03-28
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[51] **Int.Cl. G01N 27/62 (2006.01) H01J 49/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ION MOBILITY SEPARATIONS UTILIZING ALTERNATING CURRENT WAVEFORMS**
[54] **PROCEDE ET APPAREIL DE SEPARATION BASEE SUR LA MOBILITE IONIQUE UTILISANT DES FORMES D'ONDE EN COURANT ALTERNATIF**
[72] GARIMELLA, VENKATA BS, US
[72] HAMID, AHMED M., US
[72] IBRAHIM, YEHIA M., US
[72] SMITH, RICHARD D., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2018-03-28
[86] 2016-08-15 (PCT/US2016/047070)
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[30] US (62/238,291) 2015-10-07

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[51] **Int.Cl. H04W 56/00 (2009.01) H04J 11/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **DESIGN OF SYNCHRONIZATION SIGNALS FOR NARROWBAND OPERATION**
[54] **CONCEPTION DE SIGNAUX DE SYNCHRONISATION DE FONCTIONNEMENT A BANDE ETROITE**
[72] LEI, JING, US
[72] GAAL, PETER, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] WEI, YONGBIN, US
[72] WANG, XIAOFENG, US
[72] WANG, RENQIU, US
[72] FAKOORIAN, SEYED ALI AKBAR, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] RICO ALVARINO, ALBERTO, US
[72] MONTOJO, JUAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-28
[86] 2016-08-26 (PCT/US2016/048973)
[87] (WO2017/058427)
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[25] EN
[54] **A SYSTEM AND METHOD FOR EXTRACTING OIL FROM PLANT MATERIALS**
[54] **SYSTEME ET PROCEDE D'EXTRACTION D'HUILE A PARTIR DE MATIERES VEGETALES**
[72] MARTINSEN, BRUCE, US
[72] MARTINSEN, SHAYNE, US
[71] MARTINSEN, BRUCE, US
[71] MARTINSEN, SHAYNE, US
[85] 2018-03-28
[86] 2016-08-05 (PCT/US2016/045707)
[87] (WO2017/058360)
[30] US (14/873,361) 2015-10-02

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[51] **Int.Cl. E21B 41/00 (2006.01) C09K 8/02 (2006.01) E21B 43/25 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CONVEYANCE OF AMBIENT-REACTIVE SUBTERRANEAN FORMATION ADDITIVES TO DOWNHOLE LOCATIONS**
[54] **TRANSPORT D'ADDITIFS DE FORMATION SOUTERRAINE REACTIFS DANS DES CONDITIONS AMBIANTES A DES EMPLACEMENTS DE FOND**
[72] FISHER, CHAD ADAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-28
[86] 2015-12-01 (PCT/US2015/063142)
[87] (WO2017/095393)

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[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC FAIRINGS FOR CARGO ENCLOSURES**
[54] **CARENAGES AERODYNAMIQUES POUR ENCEINTES DE CHARGEMENT**
[72] HENDERSON, MICHAEL LORENZO, US
[72] WULFF, STEPHEN ALFRED, US
[71] SMARTTRUCK SYSTEMS, LLC, US
[85] 2018-03-28
[86] 2016-09-12 (PCT/US2016/051235)
[87] (WO2017/058500)
[30] US (14/868,530) 2015-09-29

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[51] **Int.Cl. B61D 25/00 (2006.01) B61C 15/10 (2006.01) B61D 17/18 (2006.01)**
[25] EN
[54] **WINDSCREEN FOR HOUSING A SANDING SYSTEM, RAILWAY VEHICLE WITH SANDING SYSTEM, AND METHOD FOR INSTALLING A SANDING SYSTEM IN A RAILWAY VEHICLE**
[54] **PARE-BRISE POUR LOGER UN SYSTEME DE SABLAGE, VEHICULE FERROVIAIRE AVEC SYSTEME DE SABLAGE, ET PROCEDE POUR INSTALLER UN SYSTEME DE SABLAGE DANS UN VEHICULE FERROVIAIRE**
[72] MARANSKI, JOHN, US
[72] OLSON, JEREMY D., US
[72] TERRY, MARK S., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-03-28
[86] 2016-09-13 (PCT/US2016/051466)
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[30] US (14/870,820) 2015-09-30

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01) A61K 39/135 (2006.01) A61K 39/23 (2006.01)**
[25] EN
[54] **CANINE PARVOVIRUS (CPV) VIRUS-LIKE PARTICLE (VLP) VACCINES AND USES THEREOF**
[54] **VACCINS A PARTICULES PSEUDO-VIRALES (VLP) DE PARVOVIRUS CANIN (CPV) ET UTILISATIONS ASSOCIEES**
[72] DAVID, FREDERIC, US
[72] HANNAS-DJEBBARA, ZAHIA, FR
[72] POULET, HERVE, FR
[72] MINKE, JULES MAARTEN, FR
[71] MERIAL, INC., US
[85] 2018-03-28
[86] 2016-09-14 (PCT/US2016/051736)
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[51] **Int.Cl. B61L 15/00 (2006.01)**
[25] EN
[54] **REMOTELY ARMING HEAD OF TRAIN DEVICE TO END OF TRAIN DEVICE**
[54] **ARMEMENT A DISTANCE D'UN DISPOSITIF DE TETE DE TRAIN A UN DISPOSITIF DE QUEUE DE TRAIN**
[72] FERNANDES, MARIO, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-03-28
[86] 2016-09-19 (PCT/US2016/052450)
[87] (WO2017/058549)
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[51] **Int.Cl. H04N 5/232 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING AUTOMATIC ZOOM**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER UN AGRANDISSEMENT AUTOMATIQUE**
[72] GAO, JINGLUN, US
[72] GAO, DASHAN, US
[72] ZHONG, XIN, US
[72] QI, YINGYONG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-28
[86] 2016-08-05 (PCT/US2016/045838)
[87] (WO2017/058362)
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[51] **Int.Cl. B60G 9/00 (2006.01)**
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[54] **TAPERED AXLE/SUSPENSION SYSTEM BEAM FOR HEAVY-DUTY VEHICLES**
[54] **POUTRE CONIQUE DE SYSTEME D'ESSIEU/SUSPENSION POUR VEHICULES UTILITAIRES LOURDS**
[72] LINDSAY, SEAN T., US
[72] TIPTON, SHANE A., US
[72] VAN METER, MATTHEW J., US
[72] GERSTENSLAGER, GARY E., US
[72] ROBINSON, MICHAEL P., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2018-03-28
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[51] **Int.Cl. A61L 2/22 (2006.01) A61K 31/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TREATING MEDICAL DEVICES AND FLUIDS**
[54] **PROCEDES ET SYSTEMES POUR TRAITER DES DISPOSITIFS ET DES FLUIDES MEDICAUX**
[72] VAN HOLTEN, ROBERT W., US
[71] ETHICON, INC., US
[85] 2018-03-28
[86] 2016-09-20 (PCT/US2016/052584)
[87] (WO2017/058563)
[30] US (62/236,632) 2015-10-02

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[13] A1
[51] **Int.Cl. G01D 5/20 (2006.01)**
[25] EN
[54] **MULTIDIMENSIONAL ANGLE DETERMINATION USING FINE POSITION SENSORS**
[54] **DETERMINATION D'ANGLE MULTIDIMENSIONNEL A L'AIDE DE CAPTEURS DE POSITION FINE**
[72] LUCAS, MORRISON R., US
[72] STEELE, JOHN H., US
[71] RAYTHEON COMPANY, US
[85] 2018-03-28
[86] 2016-05-13 (PCT/US2016/032506)
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[51] **Int.Cl. A61B 5/00 (2006.01)**
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[54] **QUANTITATIVE HEART TESTING**
[54] **TEST CARDIAQUE QUANTITATIF**
[72] KRUBSACK, DAVID, US
[72] HILZ, MARK, US
[72] PETERSON, AARON, US
[72] CHEN, GUANGREN, US
[71] HEART TEST LABORATORIES, INC., US
[85] 2018-03-28
[86] 2016-09-20 (PCT/US2016/052717)
[87] (WO2017/058578)
[30] US (62/235,309) 2015-09-30
[30] US (62/276,596) 2016-01-08
[30] US (62/276,639) 2016-01-08
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[25] EN
[54] **IMPROVED VIDEO INTRA-PREDICTION USING POSITION-DEPENDENT PREDICTION COMBINATION FOR VIDEO CODING**
[54] **PREDICTION INTRA VIDEO AMELIOREE UTILISANT UNE COMBINAISON DE PREDICTIONS DEPENDANT DE LA POSITION POUR CODAGE VIDEO**
[72] SAID, AMIR, US
[72] ZHAO, XIN, US
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-28
[86] 2016-09-22 (PCT/US2016/053126)
[87] (WO2017/058635)
[30] US (62/234,645) 2015-09-29
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[51] **Int.Cl. E05D 3/02 (2006.01) E05D 5/14 (2006.01) E05D 11/02 (2006.01)**
[25] EN
[54] **HINGE ASSEMBLY WITH SELF LUBRICATED PIN WITH ROLLER ASSEMBLY**
[54] **ENSEMBLE CHARNIERE A BROCHE AUTOLUBRIFIEE A ENSEMBLE CYLINDRE**
[72] BERGER, JOSEPH, US
[71] STEALTH HARDWARE SOLUTIONS, INC., US
[85] 2018-03-28
[86] 2016-06-13 (PCT/US2016/037234)
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[30] US (14/869,535) 2015-09-29

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[51] **Int.Cl. B65D 77/06 (2006.01)**
[25] EN
[54] **SUMP BASE DISPENSING SYSTEM FOR BULK BIN AND BAG COMBINATION**
[54] **SYSTEME DE DISTRIBUTION DE BASE DE CUVE POUR COMBINAISON DE BAC ET DE SAC DE VRAC**
[72] OOSTVEEN, ELMAR, NL
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2018-03-28
[86] 2016-09-27 (PCT/US2016/053922)
[87] (WO2017/058767)
[30] US (62/233,613) 2015-09-28

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[25] EN
[54] **COMBINATION OF A PD-1 AXIS BINDING ANTAGONIST AND AN ALK INHIBITOR FOR TREATING ALK-NEGATIVE CANCER**
[54] **COMBINAISON D'UN ANTAGONISTE DE LA LIAISON DE L'AXE PD-1 ET D'UN INHIBITEUR DE ALK DANS LE TRAITEMENT DU CANCER ALK-NEGATIF**
[72] LIN, CHIA-YANG, US
[72] PRIOR, WEI WEI WU, US
[72] QU, YAN, US
[72] WANG, CHANGYU, US
[71] MERCK PATENT GMBH, DE
[71] PFIZER INC., US
[85] 2018-03-28
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[54] **PLAQUE A ESSAIS ET UTILISATIONS ASSOCIEES**
[72] OO, MAUNG KYAW KHAING, US
[72] FAN, XUDONG, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **TEST D'ACTIVITE BIOLOGIQUE CELLULAIRE**
[72] RUSSOTTI, GREGORY, US
[72] FULLER, JAYMES, US
[72] WIWI, CHRISTOPHER, US
[71] CELULARITY, INC., US
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[54] **IMPROVED BI-DIRECTIONAL OPTICAL FLOW FOR VIDEO CODING**
[54] **FLUX OPTIQUE BIDIRECTIONNEL AMELIORE POUR UN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, JIANLE, US
[72] CHIEN, WEI-JUNG, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **RADAR DETECTOR WITH MULTI-BAND DIRECTIONAL DISPLAY AND ENHANCED DETECTION OF FALSE ALERTS**
[54] **DETECTEUR RADAR AVEC DISPOSITIF D'AFFICHAGE DIRECTIONNEL MULTIBANDE ET DETECTION AMELIOREE DES FAUSSES ALERTES**
[72] KUHN, JOHN, US
[72] STEVENS, JEFF, US
[72] COBURN, ROY, US
[72] COOMER, TIMOTHY A., US
[71] ESCORT INC., US
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[54] **IMPROVED UREA-BASED BLEND COMPOSITION AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITION MIXTE AMELIOREE A BASE D'UREE ET SON PROCEDE DE FABRICATION**
[72] LEDOUX, FRANCOIS, FR
[72] COLPAERT, FILIP, BE
[72] VAN BELZEN, RUUD, NL
[71] YARA INTERNATIONAL ASA, NO
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[54] **WEAR MEMBER FOR EARTH WORKING EQUIPMENT**
[54] **ELEMENT D'USURE POUR EQUIPEMENT DE DEBLAIEMENT DE TERRAIN**
[72] DARE, MICHAEL C., AU
[72] CLARKE, RODNEY K., AU
[72] QIAN, JUNBO, AU
[72] DUNFORD, MATTHEW J., AU
[72] MOORE, SEAN G., AU
[72] HODGES, GEOFFREY R., AU
[72] AMES, JARED R., US
[72] HANKLAND, JOEL S., US
[71] ESCO CORPORATION, US
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[54] **BIOLOGICAL STATE MACHINES**
[54] **MACHINES D'ETAT BIOLOGIQUE**
[72] LU, TIMOTHY KUAN-TA, US
[72] ROQUET, NATHANIEL B., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **ANTAGONISTIC ANTIBODIES SPECIFICALLY BINDING HUMAN CD40 AND METHODS OF USE**
[54] **ANTICORPS ANTAGONISTES SE LIANT SPECIFIQUEMENT AU CD40 HUMAIN ET PROCEDES D'UTILISATION**
[72] BABBE, HOLGER, US
[72] FELIX, NATHAN, US
[72] FRANSSON, JOHAN, CA
[72] KIM, PAUL, US
[72] SCULLY, MICHAEL, US
[72] ZHOU, HONG, US
[71] JANSSEN BIOTECH, INC., US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING GENE EXPRESSION OF LPA**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'INHIBER L'EXPRESSION DU GENE DE LPA**
[72] MELQUIST, STACEY, US
[72] KANNER, STEVEN, US
[72] ROZEMA, DAVID B., US
[72] LEWIS, DAVID L., US
[72] ALMEIDA, LAUREN J., US
[72] WAKEFIELD, DARREN H, US
[72] TRUBETSKOY, VLADIMIR S., US
[72] PEI, TAO, US
[72] LI, ZHEN, US
[72] ALMEIDA, AARON, US
[71] ARROWHEAD PHARMACEUTICALS, INC., US
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[54] **TOPICAL ANALGESIC PAIN RELIEF FORMULATIONS, MANUFACTURE AND METHODS OF USE THEREOF**
[54] **FORMULATIONS ANALGESIQUES TOPIQUES POUR SOULAGER LA DOULEUR, LEUR FABRICATION ET LEURS PROCEDES D'UTILISATION**
[72] HOAG, GEORGE EDWARD, US
[71] HOAG, GEORGE EDWARD, US
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[54] **DRYWALL SANDING BLOCK AND METHOD OF USING**
[54] **BLOC DE PONCAGE DE CLOISON SECHE ET SON PROCEDE D'UTILISATION**
[72] DOW, DAVID R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **ANTICORPS AGONISTES SE LIANT DE MANIERE SPECIFIQUE AU CD40 HUMAIN ET PROCEDES D'UTILISATION**
[72] FRANSSON, JOHAN, CA
[72] KIM, PAUL, US
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[72] SMITH, ANDRESSA, US
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[72] ZHOU, HONG, US
[71] JANSSEN BIOTECH, INC., US
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[54] **METHODS AND ARTICLES OF MANUFACTURE FOR THE TREATMENT OF ANIMALS**
[54] **METHODES ET ARTICLES MANUFACTURES POUR LE TRAITEMENT D'ANIMAUX**
[72] AMES, BRANDON, US
[72] BARCELO-FIMBRES, MOISES, US
[71] ANICELL BIOTECH, LLC, US
[85] 2018-03-28
[86] 2016-09-29 (PCT/US2016/054475)
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[54] **DRY EYE TREATMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DU SYNDROME DE L'□IL SEC**
[72] BROWN, J. DAVID, US
[71] MICROOPTX INC., US
[85] 2018-03-28
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[54] **SYSTEM AND METHOD FOR USING A SYMBOL AS INSTRUCTION TO INITIATE TRANSFER OF AUTHENTICATED MOBILE IDENTITY INFORMATION**
[54] **SYSTEME ET PROCEDE POUR UTILISER UN SYMBOLE COMME INSTRUCTION POUR INITIER LE TRANSFERT D'INFORMATIONS D'IDENTITE MOBILES AUTHENTIFIEES**
[72] KELTS, A. DAVID, US
[72] BROWN, TIMOTHY J., US
[71] MORPHOTRUST USA, LLC, US
[85] 2018-03-28
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
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[54] **ANTI-TIGIT ANTIGEN-BINDING PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES DE LIAISON A UN ANTIGENE ANTI-TIGIT ET LEURS METHODES D'UTILISATION**
[72] HICKLIN, DANIEL, US
[72] WINSTON, WILLIAM, US
[72] SEIDEL-DUGAN, CYNTHIA, US
[72] NIELSON, NELS P., US
[71] POTENZA THERAPEUTICS, INC., US
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[54] **METHODS FOR SUBTYPING DIFFUSE B-CELL LYMPHOMA (DLBCL)**
[54] **PROCEDES DE SOUS-TYPAGE DE LYMPHOME DIFFUS A GRANDES CELLULES B (LDGCB)**
[72] LAFLEUR, BONNIE, US
[72] LIU, QIAN, US
[72] LUECKE, JOHN W., US
[72] ROCHE, PATRICK C., US
[71] HTG MOLECULAR DIAGNOSTICS, INC., US
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[54] **METHOD AND SYSTEM FOR CLEANING HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS**
[54] **PROCEDE ET SYSTEME DE NETTOYAGE DE SYSTEMES DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION**
[72] METROPOULOS, JAMES, US
[71] BLUE BOX AIR, LLC, US
[85] 2018-03-28
[86] 2016-09-29 (PCT/US2016/054515)
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[54] **TETRAHYDRO-1H-PYRIDO[3,4-B]INDOLE ANTI-ESTROGENIC DRUGS**
[54] **MEDICAMENTS ANTI-□STROGENIQUES DE TYPE TETRAHYDRO-1H-PYRIDO[3,4-B]INDOLE**
[72] MYLES, DAVID C., US
[72] KUSHNER, PETER J., US
[72] HARMON, CYRUS L., US
[71] OLEMA PHARMACEUTICALS, INC., US
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[54] **SYNTHESE ENZYMATIQUE DU D-TAGATOSE**
[72] WICHELECKI, DANIEL JOSEPH, US
[71] BONUMOSE LLC, US
[85] 2018-03-28
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[25] EN
[54] **OVERDOSE PROTECTION AND ABUSE DETERRENT IMMEDIATE RELEASE DRUG FORMULATION**
[54] **FORMULATION DE MEDICAMENT A LIBERATION IMMEDIATE DE DISSUASION D'ABUS ET ANTI-SURDOSE**
[72] SHAH, NAVNIT H., US
[72] PHUAPRADIT, WANTANEE, US
[72] DESAI, DIPEN, US
[72] VAKA, SIVA RAM KIRAN, US
[72] MEGHPARA, KANJI, US
[71] KASHIV PHARMA, LLC, US
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[54] **ENSEMBLE VALVULE MITRALE**
[72] ZENG, MIN FRANK, US
[72] LO, PHAM, US
[71] VENUS MEDTECH (HANGZHOU), INC., CN
[85] 2018-03-28
[86] 2016-10-01 (PCT/US2016/055077)
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[51] **Int.Cl. A01N 27/00 (2006.01) A01N 25/28 (2006.01)**
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[54] **METHODS AND COMPOSITIONS FOR PEST BAIT**
[54] **PROCEDES ET COMPOSITIONS POUR APPAT POUR INSECTES NUISIBLES**
[72] SPOMER, NEIL A., US
[72] BECKER, CHRISTIAN GUY, US
[72] CHIN-HEADY, EVA, US
[72] DEMARK, JOSEPH J., US
[72] HOWARD, PHILLIP J., US
[72] LLAURO, JUAN, AR
[72] OLIVER, MEREDITH PAIGE, US
[71] DOW AGROSCIENCES LLC, US
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[54] **HYDROPHOBIC HIGHLY BRANCHED CARBOHYDRATE POLYMERS**
[54] **POLYMERES GLUCIDIQUES HYDROPHOBES HAUTEMENT RAMIFIES**
[72] YAO, YUAN, US
[72] ZHANG, JINGMIN, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2018-03-28
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[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4174 (2006.01) A61K 31/4439 (2006.01) A61P 21/00 (2006.01) C07D 401/04 (2006.01) C07D 405/10 (2006.01)**
[25] EN
[54] **PPAR AGONISTS, COMPOUNDS, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF**
[54] **AGONISTES DE PPAR, COMPOSES, COMPOSITIONS PHARMACEUTIQUES ET METHODES D'UTILISATION DE CEUX-CI**
[72] DOWNES, MICHAEL, US
[72] EVANS, RONALD M., US
[72] KLUGE, ARTHUR, US
[72] LAGU, BHARAT, US
[72] MIURA, MASANORI, JP
[72] PANIGRAHI, SUNIL KUMAR, IN
[72] PATANE, MICHAEL, US
[72] SAMAJDAR, SUSANTA, IN
[72] SENAIAR, RAMESH, IN
[72] TAKAHASHI, TAISUKE, JP
[71] MITOBRIDGE, INC., US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/02 (2006.01) E21D 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DRILLING PLAN GENERATION**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PLAN DE FORAGE**
[72] VORDE, PAR, SE
[72] ANDERSSON, ANDREAS, SE
[72] HARSTROM, PAR, SE
[72] TURNER, PER, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[86] 2016-09-29 (PCT/SE2016/050929)
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[30] SE (1551253-6) 2015-09-30

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[13] A1
[51] **Int.Cl. E03C 1/05 (2006.01)**
[25] EN
[54] **FAUCET WITH AUTO-FILL FEATURE**
[54] **ROBINET A ELEMENT DE REMPLISSAGE AUTOMATIQUE**
[72] BLIZZARD, STEPHEN, US
[72] BECK, CHASEN, US
[72] GORKOVENKO, ELENA, US
[72] HART, CREIGHTON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-03-28
[86] 2016-10-05 (PCT/US2016/055533)
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[30] US (62/239,558) 2015-10-09
[30] US (15/284,638) 2016-10-04

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[51] **Int.Cl. G06F 13/42 (2006.01)**
[25] EN
[54] **PARALLEL PROCESSING FOR SOLUTION SPACE PARTITIONS**
[54] **TRAITEMENT PARALLELE PERMETTANT DES PARTITIONS D'UN ESPACE DE SOLUTIONS**
[72] BAILEY, THOMAS GLENN, US
[72] COLLETTI, BRUCE WILLIAM, US
[72] KING, ALEXANDER COLEMAN, US
[72] WAIT, ERIC CHARLES, US
[71] COX AUTOMOTIVE, INC., US
[85] 2018-03-28
[86] 2016-10-05 (PCT/US2016/055551)
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[30] US (62/237,425) 2015-10-05

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[51] **Int.Cl. G02F 1/35 (2006.01) H04B 10/70 (2013.01)**
[25] EN
[54] **TUNABLE SOURCE OF BI-PHOTONS**
[54] **SOURCE ACCORDABLE DE BI-PHOTONS**
[72] EARL, DENNIS DUNCAN, US
[71] QUBITEKK, INC., US
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Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[51] **Int.Cl. B65D 88/34 (2006.01)**
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[54] **FLOATING COVER SYSTEM FOR LARGE OPEN CONTAINERS**
[54] **SYSTEME DE COUVERCLE FLOTTANT DESTINE A DES CONTENEURS A GRANDE OUVERTURE**
[72] PLETT, GREGORY, CA
[72] HACK, BOBBY, CA
[72] ADAMS, DONALD, CA
[72] YAUSIE, PAUL, CA
[71] ABC CANADA TECHNOLOGY GROUP LTD., CA
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[51] **Int.Cl. G06F 19/00 (2018.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING MAINTENANCE OF APPLIANCES**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DE L'ENTRETIEN DES ELECTROMENAGERS**
[72] DUROSE, PAUL DENNIS, GB
[72] ULLATHORNE, STEPHEN, GB
[71] GAS TAG LTD., GB
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[54] **PROCEDES DE GENERATION DE PREPARATIONS DE VECTEURS DE AAV RECOMBINANTS DONT LE TITRE EST ELEVE ET QUI SONT EXEMPTES DE VIRUS ASSISTANT**
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[72] FUNG, VICTOR P., US
[72] REYNOLDS, THOMAS C., US
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[54] **BACTERIE CLOSTRIDIUM RECOMBINANTE ET UTILISATIONS ASSOCIEES DANS LA PRODUCTION D'ACETONE**
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[72] PATEL, JAYANTILAL DEVABHAI, CA
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[72] PREMJI, AL-NASIR, CA
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[54] **METHODES DE CONTROLE DE LA ROUILLE DU SOJA AU MOYEN DE MACOZEB EN COMBINAISON AVEC DES INHIBITEURS EXTERNES DE QUINONE ET DES INHIBITEURS DE DEMETHYLATION**
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[54] **OUTILLAGE DE FOND AVEC SECURITE POUR DEBRIS, ET METHODE D'UTILISATION**
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[51] **Int.Cl. C09D 179/08 (2006.01) C09D 7/48 (2018.01)**
[25] EN
[54] **A POLYESTER IMIDE COATING COMPOSITION**
[54] **UNE COMPOSITION DE REVETEMENT D'IMIDES DE POLYESTER**
[72] WITT-SANSON, CHRISTELLE, DE
[72] KONDZIOLKA, GRZEGORZ, DE
[72] MASTERS, NIGEL FRANCIS, GB
[71] PPG INDUSTRIES OHIO, INC., US
[22] 2013-12-18
[41] 2014-06-26
[62] 2,895,325
[30] EP (12197893.6) 2012-12-18

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[51] **Int.Cl. G10L 19/025 (2013.01) G10L 19/18 (2013.01) G10L 21/007 (2013.01) G10L 21/038 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **DECODER AND METHOD FOR DECODING AN AUDIO SIGNAL, ENCODER AND METHOD FOR ENCODING AN AUDIO SIGNAL**
[54] **DECODEUR ET PROCEDE DE DECODAGE DE SIGNAL AUDIO, CODEUR ET PROCEDE DE CODAGE DE SIGNAL AUDIO**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[22] 2015-06-25
[41] 2016-01-07
[62] 2,953,427
[30] EP (14175202.2) 2014-07-01
[30] EP (15151463.5) 2015-01-16

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[13] A1
[51] **Int.Cl. G01N 21/77 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING AN ANALYTE IN A BODILY FLUID**
[54] **DISPOSITIF DE DETECTION D'UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] PETRICH, WOLFGANG, DE
[72] WEIDNER, FRANK, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2011-07-11
[41] 2012-01-26
[62] 2,802,318
[30] EP (10170088.8) 2010-07-20

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[21] **2,999,345**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER AND NON-NEOPLASTIC CONDITIONS**
[54] **PROCEDES DE TRAITEMENT D'UN CANCER ET D'ETATS NON NEOPLASIQUE**
[72] ALMSTEAD, NEIL, US
[72] ARASU, TAMIL, US
[72] CHOI, SOONGYU, US
[72] CAO, LIANGXIAN, US
[72] CAMPBELL, JEFF, US
[72] CORSON, DON, US
[72] DAVIS, THOMAS, US
[72] GRACI, JASON D., US
[72] GU, ZHENGXIAN, US
[72] HWANG, PETER SEONGWOO, US
[72] LENNOX, WILLIAM, US
[72] MIAO, HARRY H., US
[72] MILLER, LANGDON, US
[72] MOON, YOUNG-CHOON, US
[72] QI, HONGYAN, US
[72] TROTTA, CHRISTOPHER, US
[72] WEETALL, MARLA L., US
[71] PTC THERAPEUTICS, INC., US
[22] 2010-05-27
[41] 2010-12-02
[62] 2,763,485
[30] US (61/181,653) 2009-05-27

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[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61P 31/18 (2006.01) C07D 239/46 (2006.01) C07D 239/47 (2006.01) C07D 239/54 (2006.01) C07D 239/56 (2006.01)**
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[54] **COMPOUNDS AND METHOD FOR TREATMENT OF HIV**
[54] **COMPOSES ET METHODES POUR LE TRAITEMENT DU VIH**
[72] DANTER, WAYNE, CA
[72] THRELFALL, CLINTON, CA
[72] GUIZZETTI, SYLVAIN, FR
[72] MARIN, JULIEN, FR
[71] CRITICAL OUTCOME TECHNOLOGIES INC., CA
[22] 2011-04-01
[41] 2011-10-06
[62] 2,794,952
[30] US (61/320223) 2010-04-01

[21] **2,999,440**
[13] A1
[51] **Int.Cl. A61K 38/30 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 7 FOR TREATMENT OF CANCER**
[54] **PROTEINE 7 DE LIAISON AU FACTEUR DE CROISSANCE SIMILAIRE A L'INSULINE POUR LE TRAITEMENT DU CANCER**
[72] GREEN, MICHAEL, US
[72] WAJAPEYEE, NARENDRA, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[22] 2008-09-11
[41] 2009-03-19
[62] 2,699,290
[30] US (60/993,211) 2007-09-11
[30] US (61/092,230) 2008-08-27

[21] **2,999,472**
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[51] **Int.Cl. B24D 15/04 (2006.01) C08J 5/14 (2006.01) C08J 9/10 (2006.01) C08L 23/06 (2006.01) C08L 23/08 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **HAND-HELD CONFORMABLE SANDING BLOCK**
[54] **BLOC DE PONCAGE CONFORMABLE PORTATIF**
[72] LIN, BANG FANG, CN
[71] TRADE ASSOCIATES, INC., US
[22] 2013-10-02
[41] 2014-04-10
[62] 2,885,629
[30] US (61/709,048) 2012-10-02
[30] US (14/044,567) 2013-10-02

[21] **2,999,521**
[13] A1
[51] **Int.Cl. G01N 1/40 (2006.01) G01N 33/48 (2006.01)**
[25] EN
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[54] **CONCENTRATEUR DE PARTICULES BIOLOGIQUES LIQUIDE A LIQUIDE A TRAJET DE FLUIDE JETABLE**
[72] PAGE, ANDREW EDWARD, US
[72] PACKINGHAM, ZACHARY A., US
[72] ALBURTY, DAVID SCOTT, US
[72] ADOLPHSON, ALEC D., US
[71] INNOVAPREP LLC, US
[22] 2010-09-15
[41] 2011-03-24
[62] 2,787,268
[30] US (61/276,737) 2009-09-17
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[51] **Int.Cl. G01N 33/53 (2006.01) A61K 31/427 (2006.01) A61P 35/00 (2006.01) C07D 417/04 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **CHEMICAL MODULATORS OF PRO-APOPTOTIC BAX AND BCL-2 POLYPEPTIDES**
[54] **MODULATEURS CHIMIQUES DES POLYPEPTIDES BAX ET BCL-2 PRO-APOPTOTIQUES**
[72] WALENSKY, LOREN D., US
[72] GAVATHIOTIS, EVRIPIDIS, US
[71] DANA FARBER CANCER INSTITUTE, US
[22] 2009-10-09
[41] 2010-04-15
[62] 2,738,983
[30] US (61/136,906) 2008-10-10

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[51] **Int.Cl. G01N 27/416 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING A SUBSTANCE IN BODILY FLUID**
[54] **SYSTEMES ET PROCEDES POUR DETECTER UNE SUBSTANCE DANS UN FLUIDE CORPOREL**
[72] HERGET, MEIKE, US
[72] KNOPFMACHER, OREN S., US
[71] ESENSE, LLC, US
[22] 2015-12-29
[41] 2016-07-07
[62] 2,967,841
[30] US (14/586,802) 2014-12-30

[21] **2,999,558**
[13] A1
[51] **Int.Cl. A47C 1/022 (2006.01) A47C 1/027 (2006.01) A47C 7/00 (2006.01)**
[25] EN
[54] **CHAIR BACK MECHANISM AND CONTROL ASSEMBLY**
[54] **MECANISME DE DOSSIER DE CHAISE ET ENSEMBLE DE COMMANDE**
[72] BATTEY, ROBERT J., US
[72] KARSTEN, GARY L., US
[72] HEIDMANN, KURT R., US
[72] HOLDREDGE, RUSSELL T., US
[72] ANDRES, TODD T., US
[71] STEELCASE INC., US
[22] 2013-09-19
[41] 2014-03-27
[62] 2,881,694
[30] US (61/703,677) 2012-09-20
[30] US (61/703,667) 2012-09-20
[30] US (61/703,666) 2012-09-20
[30] US (61/703,515) 2012-09-20
[30] US (61/703,663) 2012-09-20
[30] US (61/703,659) 2012-09-20
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[25] EN
[54] **SYSTEM AND METHOD FOR TREATING AN AMORPHOUS ALLOY RIBBON**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN RUBAN D'ALLIAGE AMORPHE**
[72] FRANCOEUR, BRUNO, CA
[72] COUTURE, PIERRE, CA
[71] HYDRO-QUEBEC, CA
[22] 2010-11-18
[41] 2011-05-26
[62] 2,781,067
[30] US (61/262,603) 2009-11-19

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[21] **2,999,582**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 29/00 (2006.01)**
[25] EN
[54] **FLEXIBLE CELLULOSIC FIBER-BASED HONEYCOMB MATERIAL**
[54] **MATERIAU FLEXIBLE EN NID D'ABEILLE A BASE DE FIBRES CELLULOSIQUES**
[72] PRUD'HOMME, HUGUES, CA
[72] DE PAOLI, DIEGO, CA
[72] KUMAR, MICHAEL, CA
[72] BRASSARD, MARC, CA
[72] JAMES, DAVID, CA
[71] CASCADES CANADA ULC, CA
[22] 2010-12-22
[41] 2011-06-30
[62] 2,784,675
[30] US (61/288,922) 2009-12-22

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[21] **2,999,584**
[13] A1
[51] **Int.Cl. H01H 1/62 (2006.01) H01H 9/52 (2006.01) H01H 71/00 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER CONTACT ARM**
[54] **BRAS DE CONTACT DE DISJONCTEUR**
[72] RETZLAFF, SCOTT G., US
[71] ABB SCHWEIZ AG, CH
[22] 2016-02-08
[41] 2016-08-11
[62] 2,976,036
[30] US (14/615,930) 2015-02-06

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[21] **3,000,136**
[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) C09J 7/40 (2018.01)**
[25] EN
[54] **SHEET HAVING REMOVABLE LABELS AND RELATED METHOD**
[54] **FEUILLE COMPRENANT DES ETIQUETTES AMOVIBLES ET PROCEDE CONNEXE**
[72] HONG, LE-HOA, US
[72] UTZ, MARTIN, DE
[72] VEYNA, GERARDO, MX
[72] RAMIREZ, GILDARDO, MX
[72] MAMMEN, THOMAS, US
[71] CCL LABEL, INC., US
[22] 2009-04-23
[41] 2009-10-29
[62] 2,720,234
[30] US (61/047,724) 2008-04-24

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JOHNSTON, STACI JO 2,723,868
JONSSON, PER 2,792,964
JOOSTEN, CHRISTOPH E. 2,795,461
JUBIE, DAVID 2,728,579
JULITA, MONIQUE 2,761,444
KABUSHIKI KAISHA DNAFORM 2,622,649
KABUSHIKI KAISHA TOSHIBA 2,881,367
KADAVILPPARAMPU MOHAMED, AFSAL MOHAMMED 2,792,394
KAIN, JAMES SCOTT 2,788,294
KAISER, NICK 2,752,026
KAITO, TAKAHIRO 2,942,629
KAJINO, FUMIE 2,850,337
KAKUTA, DAISUKE 2,911,402
KALB, BRIAN 2,919,240
KALRA, ANITA 2,774,768
KAMADA, SHINOBU 2,988,622
KAMINSKA, BOZENA 2,759,703
KANAYAMA, YOTARO 2,788,957
KANDA, YUTAKA 2,729,567
KANDULA, RAMU 2,800,060
KAPSCH TRAFFICCOM AB 2,745,305
KAPSCH TRAFFICCOM AG 2,752,455
KARAU, WILLIAM H. 2,926,108
KARSTEN MANUFACTURING CORPORATION 2,905,053
KATAINEN, RIIKKA 2,801,459
KATANO, KOJI 2,911,574
KATSUNO, TOMOAKI 2,839,925

KAUR, SIMARNA 2,774,026
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,902,779
KAWATA, HIROYUKI 2,980,692
KCI LICENSING, INC. 2,784,138
KCI LICENSING, INC. 2,814,873
KEAL, INC. 2,731,029
KELLER, ANTHONY 2,778,142
KELLY, REBECCA 2,653,338
KENNEDY, THOMAS J., III 2,918,036
KENT, NICHOLAS 2,891,352
KHARCHENKO, ANDRIY 2,806,269
KHAYKIN, ALEX 2,949,787
KHERADPIR, LEILA 2,964,512
KIANI, ALI 2,956,938
KILLINGSWORTH, ALAN R. 2,884,841
KIM THI PHAM, LOAN 2,881,878
KIM, NO EUL 2,894,137
KIM, YONG-CHUL 2,839,674
KIM, YOUNG MO 2,895,699
KINBERGER, GARTH A. 2,640,058
KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS 2,867,747
KINGSBOROUGH, DONALD 2,784,834
KIOR, INC. 2,891,352
KIRACOFE, DANIEL ROY 2,917,560
KIRBY, GLEN HAROLD 2,711,337
KIRBY, SEAN 2,823,402
KIRCHMAYER, KENNETH 2,917,560
KIRMANI, SHAHZAD F. 2,922,781
KIRSHMAN, DAVID 2,865,636
KLEIN, RALF 2,681,601
KMK CO., LTD. 2,795,095
KNAPP, RYAN W. 2,894,378
KNOERZER, ANTHONY ROBER 2,971,648
KNORR-BREMSE SYSTEME FUER SCHIENENFAHRZEUGE GMBH 2,748,222
KNOTT, WILFRIED 2,757,443
KODIAK NETWORKS, INC. 2,800,060
KOENIG, FRANK 2,757,443
KOEP, PAUL 2,666,363
KOEPKE, MICHAEL 2,921,430
KOGA, MASATO 2,987,875
KOGA, MASATO 2,988,532
KOGA, MASATO 2,988,622
KOGO, YASUSHI 2,622,649
KOHLER, EVA 2,929,737
KOHLER, SARAH 2,914,989
KOLCZEWSKI, SABINE 2,797,874
KOLE, ASHUTOSH 2,843,861
KOLEBUCK, PAUL 2,698,842
KON, ADRIAAN DIRK 2,753,270
KONDO, NOBUHIRO 2,850,337
KONDO, TAKASHI 2,911,890
KONDO, TOYOSHI 2,962,908
KONNO, NORISHIGE 2,909,837
KONNO, NORISHIGE 2,911,890
KONTER, MAXIM 2,843,450
KOOB, THOMAS J. 2,921,678
KOPELMAN, RAOUL 2,774,361
KORJAHN, CHRISTOPH MATTHIAS 2,898,738
KORTE, JOHN 2,653,338
KORTUM, OLAF C. 2,735,759
KOSHI, KENTARO 2,936,776
KOSTRZEWSKI, STANISLAW 2,716,151
KOVALENKO, ANDRIY 2,852,333
KOWALSKI, ANTHONY JOHN 2,794,684
KOWALSKI, STANLEY, III 2,918,036
KOZAK, DAVID M. 2,789,781
KOZWICH, DIANE 2,749,941
KRAFT FOODS GROUP BRANDS LLC 2,735,758
KRAFT FOODS GROUP BRANDS LLC 2,735,759
KRATZER, TIMO 2,967,715
KRAUS, DAVID 2,908,806
KROM, JAMES 2,732,488
KRONZER, FRANK J. 2,785,024
KROSAKIHARIMA CORPORATION 2,941,372
KRUPER, WILLIAM J., JR. 2,894,168
KUBO, HIDEKI 2,911,890
KUBO, KIE 2,881,367
KUBOTA, TSUGUO 2,729,567
KUBSAD, VINAYA NANDISH 2,916,781
KUCERA, FRANTISEK 2,921,248
KUHN, KLAUS 2,807,445
KUHN-GELDROP BV 2,781,492
KUHNERT, STEFFEN 2,928,119
KUKULIES, PAUL JAMES (DECEASED) 2,804,700
KULAH, HALUK 2,771,155
KULKARNI, AMBARISH JAYANT 2,919,240
KUMAR, RAVI SHANKAR 2,800,060
KUMARAN, KRISHNAN 2,940,263
KUNDU, GORACHAND 2,800,060
KUPPERT, DIRK 2,757,443
KURIHARA, HIROYUKI 2,792,095
KUROKAWA, MASASHI 2,813,713
KUSNER, MICHAEL THOMAS, JR. 2,770,700
KUVSHINOV, BORIS NIKOLAEVICH 2,858,226
KWALATA TRADING LIMITED 2,567,578
KYB CORPORATION 2,898,605
KYB CORPORATION 2,941,878
KYOWA HAKKO KIRIN CO., LTD. 2,729,567
KYUNGDONG NAVIEN CO., LTD. 2,895,699
LAAKSONEN, REIJO 2,801,459
LACAILLE, JEROME 2,744,977
LAINEMA, JANI 2,854,495
LAITAR, DAVID S. 2,894,168
LAMEI, CHRISTOPHER HOSS 2,936,351
LAMPKE, JAN 2,794,197
LANCASTER, PATRICK R., III 2,882,682
LANDROCK, CLINTON K. 2,759,703
LANG, UDO 2,825,250
LANGER, MARTIN 2,800,758
LANTECH.COM, LLC 2,882,682
LANZATECH NEW ZEALAND LIMITED 2,921,430
LAPPE, CHRISTIAN 2,967,715
LARIVIERE, MARK 2,940,568
LARK, LARRY MITCH 2,723,868
LARNER, DANIEL LYNN 2,949,787
LARSSON, DANIEL 2,808,860
LARSSON, JOHAN 2,774,875
LAU, WILLIAM 2,964,512
LAURE, FREDERIC 2,810,135
LAWHORN, TOM 2,784,138
LAWLER, BRUCE D. 2,800,060
LE DEVEHAT, YANNICK 2,959,919
LE MAOULT, JOEL 2,764,860
LE PABIC, HERBERT 2,810,135
LEACH, JOHN 2,910,698
LEATHERLAND, WILLIAM EARL, JR. 2,830,217
LEBLANC, SHERI LYN 2,931,652
LECK, THOMAS J. 2,741,871
LECK, THOMAS J. 2,782,587
LEE, CHUN D. 2,957,304
LEE, GARY M. 2,912,224
LEE, OK-KYUNG 2,795,095
LEGER, MARTIN 2,754,611
LEGNER, FRANK C., III 2,824,413
LEHMANN, ANDREW TODD 2,917,560
LEHTONEN, DONNA L.E. 2,921,353
LEIDEL, CHRIS 2,918,036
LEIMBACH, ANGELA MARIE 2,780,735
LEIST, CHRISTIAN 2,795,461
LENART, PHILIP J. 2,952,398
LENNOX INDUSTRIES INC. 2,759,970
LEPPANEN, VELI-MATTI 2,725,128
LESCOCHE, PHILIPPE 2,792,427
LETOCART, PHILIPPE 2,920,077
LEVESQUE, DAVID 2,959,919
LEVINE, BRIAN E. 2,735,758
LEWIS, BRIAN 2,666,363
LEWIS, JOHN 2,815,526
LEYARD OPTOELECTRONIC CO., LTD. 2,894,580
LEZHAVA, ALEXANDER 2,622,649
LI, JIE 2,922,862
LI, MEI 2,838,352
LI, MIN 2,778,280
LI, PENG 2,944,512
LI, QINGBIN 2,852,333
LI, WENJENG 2,776,163
LI, XUE-JUN 2,536,588
LI, ZHONGPING 2,946,015
LIANG, FEILONG 2,959,253
LIANG, YANTAO 2,918,310
LIEPOLD, BERND 2,821,046
LIFT-U, A DIVISION OF HOGAN MFG., INC. 2,812,931
LIM, CHONG SOON 2,778,280
LIM, CHONG SOON 2,845,548
LIM, FUI WEN 2,738,335
LIN, JIAN-LIANG 2,909,550
LIN, SHU-CHEN 2,778,979
LINDAHL, MARIA 2,725,128
LINDEMAN, OLGA E. S. 2,740,371
LINDHOLM, PAIVI 2,725,128

LINDSEY, ALLISON C. 2,531,176
LINZ, MARK EDWARD 2,917,560
LIPKENS, BART 2,918,036
LIPOSONIX, INC. 2,775,572
LITKEY, JAY M. 2,946,073
LITTLE, BLAKE W. 2,775,572
LITTLE, DAVID J. 2,776,163
LIU, GUOHUA 2,959,253
LIU, LI 2,778,979
LIU, RUIXUE 2,827,600
LIU, YIJUN 2,952,398
LIU, ZHIYONG 2,894,580
LIVINGSTON, ANDREW GUY 2,738,335
LOCKE, CHRISTOPHER 2,784,138
LOCKE, CHRISTOPHER BRIAN 2,814,873
LOGAN, JOSEPH N. 2,874,749
LOMBARDI, ROCCO A. 2,827,690
LONGEST, CARY 2,794,635
LONNEMO, ULF 2,795,579
LOPEZ, JORGE LOUIS 2,858,226
LOUIS, JOHN M. 2,808,439
LOWY, DOUGLAS R. 2,686,990
LU, CHANGJUN 2,894,580
LUBY, MICHAEL G. 2,771,622
LUCENT BIOSCIENCES, INC. 2,965,409
LUEDKE, GERD 2,799,676
LUIGI LAVAZZA S.P.A. 2,892,438
LUKE, DUANE 2,959,253
LUMON INVEST OY 2,764,793
LUNDKVIST, MATS 2,762,900
LUNTTILA, TIMO ERKKI 2,925,401
LUTHRA, SUMAN 2,916,605
LYONS, ARTHUR P. 2,940,827
LYONS, JOHN W. 2,780,909
MA, JUNYING 2,914,513
MA, YINQING 2,735,759
MAAS, COLE 2,934,839
MACDONALD, GREGOR JAMES 2,790,571
MACHATHA, STEPHEN G. 2,921,601
MACTON CORPORATION 2,894,378
MADGE, ROB 2,768,417
MAEDA ROAD CONSTRUCTION CO., LTD 2,936,776
MAEDER, CARL CONRAD 2,679,783
MAFFEI, FRANK C. 2,716,151
MAGIC MARINE TOW INC. 2,940,568
MAGNUSON, CHRISTOPHER 2,931,787
MAHLER, HANNS-CHRISTIAN 2,860,543
MAHMOOD, KHALID 2,774,026
MAKIN, STEPHEN PAUL 2,801,886
MAKINO, TARO 2,941,372
MALHOTRA, SUSHANT 2,948,763
MAN, YING TONG 2,821,173
MANNING, CHRIS 2,842,387
MANSER, ROGER 2,813,307
MANSOUR, GEORGE M. 2,793,473
MANTHEI, JAMES, A. 2,806,843
MANTZILAS, DIMITRIOS 2,792,394
MAPELLI, LUIGI 2,677,989
MARANITSCH, ALEXANDER 2,914,989
MARCONI, MARCO 2,677,989
MARCZI, MICHAEL T. 2,666,363
MARDIROSIAN, NORA 2,838,352
MARIANI, EDOARDO 2,807,420
MARIETTA-TONDIN, JULIEN 2,756,903
MARION, PIERRE 2,732,488
MARKET, ROBERT V. 2,818,336
MAROTTI, MARTIN JAY 2,928,983
MARR, MICHAEL A. 2,952,398
MARS, INCORPORATED 2,875,889
MARTIN, MICHAEL 2,912,224
MARTIN, WILLIAM MATTHEW 2,898,486
MARTIN-MARTIN, MARIA LUZ 2,790,571
MARUBENI-ITOCHU TUBULARS AMERICA INC. 2,931,495
MASI, LOUIS 2,918,036
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,791,695
MATEEVA, ALBENA ALEXANDROVA 2,858,226
MATES, SHARON 2,944,512
MATSUI, SHO 2,980,692
MATSUMOTO, HIROFUMI 2,925,647
MATSUNOBU, TORU 2,845,548
MATSUNOBU, TORU 2,866,121
MATSUZAWA, TAKASHI 2,911,402
MATTS, EMORY H. 2,723,868
MAUL, GEORG 2,928,119
MAY, LESLIE 2,891,352
MAYFIELD, WILLIAM R. 2,716,151
MCBEATH, SEAN 2,978,602
MCBEATH, SEAN 2,978,606
MCBEATH, SEAN 2,978,608
MCBEATH, SEAN 2,978,614
MCBEATH, SEAN 2,978,618
MCBEATH, SEAN 2,978,620
MCBROOM, JEREMY 2,871,792
MCCAMBRIDGE, MICHAEL SCOTT 2,917,560
MCCANN, STEPHEN 2,900,420
MCCREA, FRANK THOMAS 2,731,029
MCDONELL, BRIAN WILLIAM 2,854,207
MCDUFF, RODRIGUE 2,743,080
MCGOVERN, STEPHEN J. 2,891,352
MCGRATH, TIMOTHY J. 2,938,417
MCINTOSH, DAVID 2,838,001
MCINTYRE, ANDREW 2,821,091
MCKINNON, PETER 2,782,100
MCKOSKEY, JAY 2,728,579
MCLAREN, DEREK 2,883,888
MCLAREN, EARL 2,883,888
MCLEAN, DAVID WILLIAM 2,797,994
MCLEAVY, MIKE 2,968,638
MCLUEN, GARY R. 2,874,749
MCMILLEN, MARK W. 2,921,991
MCNAMARA, WILLIAM E. 2,784,733
MCNAMEE, KEVIN P. 2,740,371
MCPHARMA BIOTECH INC. 2,883,888
MCSWEENEY, JAMES 2,908,806
MCVAY, ROBERT L. 2,921,001
MEDIATEK SINGAPORE PTE. LTD. 2,909,550
MEDIGENEBIO CORPORATION 2,839,674
MEDIMMUNE LIMITED 2,804,901
MEDTRONIC XOMED, INC. 2,776,163
MEHTA, KURANG JVALANT 2,779,866
MEIER, ANDREAS 2,925,363
MELDE, KAI 2,843,861
MELLEN, DANIEL 2,698,842
MERCENIER, ANNICK 2,761,444
MERCER, DERRY 2,755,878
MERLO, MASSIMO 2,807,420
MESTAYER, JEFFERY JOSEPH 2,858,226
MESWANIA, JAYANTILAL MOHANLAL 2,840,137
MEUNIER, DAVID M. 2,780,909
MICROSOFT TECHNOLOGY LICENSING, LLC 2,815,526
MIKROBIYOSISTEMLER ELEKTRONIK SAN VE TIC A.S. 2,771,155
MILANI, AMIR HOSSEIN 2,827,600
MILLER, DAVID W. 2,830,217
MILLER, MATTHEW D. 2,780,909
MILLS, BRENT ROBERT 2,777,354
MINA, NABIL 2,916,781
MINAMINO, ATSUSHI 2,792,095
MINDER, LORENZ CHRISTOPH 2,771,622
MINOR, BARBARA HAVILAND 2,741,871
MINOR, BARBARA HAVILAND 2,782,587
MINTER, RALPH RAYMOND 2,804,901
MINZENMAYER, GREG 2,763,187
MISHRA, SANJAYKUMAR 2,783,540
MISHRA, SNIGDHA 2,770,892
MISKOWSKI, TAMARA A. 2,778,979
MITADERA, JUN 2,813,713
MITCHUM, DARRELL WAYNE 2,919,781
MITEL NETWORKS CORPORATION 2,742,468
MITSUBISHI GAS CHEMICAL COMPANY, INC. 2,813,713
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,934,839
MITSUI CHEMICALS AGRO, INC. 2,850,337
MIYAGAWA, TOMOHIRO 2,988,532
MIYAGAWA, TOMOHIRO 2,988,622
MIYAZAKI, YASUNOBU 2,980,692
MIZUNO, SEIJI 2,911,890
MOHITE, VIKRAMSINH 2,916,781
MOIST, STANFORD C. 2,668,526
MOKKAPATI, UMAMAHESHWAR 2,792,394
MOLINARO, MARCO 2,762,850
MOMM, JOACHIM 2,745,938
MONK, PHILIP DAVID 2,804,901
MONSANTO TECHNOLOGY, LLC 2,653,338
MONTEMURRO, MICHAEL PETER 2,900,420
MONTORSI, MAURO 2,807,420
MOORE, BRENT 2,891,352

MOORE, ROBERT B. 2,778,703
MOOTZ, MICHAEL RAYMOND 2,780,735
MORI, KATSUHIRO 2,729,567
MORIMITSU, KENTARO 2,832,645
MORIYASU, HIROCHIKA 2,936,776
MORRIS, COLLIN RICKEY 2,818,048
MORROW, ROBERT DAREL 2,884,995
MOSANER, KNUD 2,921,780
MOSHER, GEROLD L. 2,921,601
MOSKE, ANTHONY 2,813,387
MOST, CHRISTOPHER L. 2,921,001
MOTEJADDED, HASSAN 2,799,676
MRA SYSTEMS, LLC 2,918,310
MUELLER, ALEXANDER PAUL 2,921,430
MUELLER, GARY L. 2,922,895
MUELLER, ROBERT 2,860,543
MUELLER-WALZ, RUDI 2,776,845
MUJWID, JAMES R. 2,777,160
MUKHERJEE, BISWAROOP 2,908,529
MULQUEEN, SIMON 2,788,997
MURAKAMI, MASAHIRO 2,953,652
MURATA, TAKAAKI 2,881,367
MURATA, TOSHIKI 2,940,804
MUTH MIRROR SYSTEMS, LLC 2,907,555
NABORS DRILLING TECHNOLOGIES USA, INC. 2,919,654
NABORS DRILLING TECHNOLOGIES USA, INC. 2,919,660
NABORS INDUSTRIES, INC. 2,931,787
NACEY, GENE E. 2,518,293
NAGARAJU, SHILPA 2,921,430
NAGELE, ALEXANDER 2,929,737
NAING, SUE MON THET 2,845,548
NAIR, VASU 2,783,540
NAKAJI, HIROYA 2,911,890
NAKANE, HISAAKI 2,911,402
NAKANO, SATOSHI 2,816,670
NAKAZAWA, YOSHIAKI 2,914,273
NALCO COMPANY 2,607,199
NALCO COMPANY 2,740,371
NALCO COMPANY 2,775,964
NARAYANAN, ANAND 2,800,060
NATIONAL OILWELL VARCO, L.P. 2,809,010
NAULEAU, CHRISTINE 2,873,293
NAVICO HOLDINGS AS 2,922,781
NAVICO HOLDINGS AS 2,930,271
NECHACHE, RIAD 2,743,346
NEENAH PAPER, INC. 2,785,024
NELSON, SHERRI M. 2,800,926
NERGER, BRYAN A. 2,901,003
NERI, DARIO 2,691,218
NESTEC S.A. 2,761,444
NESTEC S.A. 2,778,003
NESTEC S.A. 2,782,000
NEUROPRO TECHNOLOGIES, INC. 2,874,749
NEWCHEM S.P.A. 2,807,420
NGUYEN, DUY T. 2,775,964
NGUYEN, TAO 2,763,187
NICOLEAU, LUC 2,788,620
NIELSON, ROB 2,804,178
NILES, MARTIN 2,839,750
NINOMIYA, MAKOTO 2,902,779
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,881,368
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,914,273
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,980,692
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,911,402
NISHI, TAKAHIRO 2,778,280
NISHI, TAKAHIRO 2,845,548
NISHI, TAKAHIRO 2,866,121
NISHIISHIGAKI, KENJI 2,956,772
NISHIMURA, RYUICHI 2,914,273
NISHONOV, ABDUMALIK A. 2,783,540
NISSAN CHEMICAL INDUSTRIES, LTD. 2,816,670
NISSAN MOTOR CO., LTD. 2,942,629
NISSAN MOTOR CO., LTD. 2,987,875
NISSAN MOTOR CO., LTD. 2,988,042
NISSAN MOTOR CO., LTD. 2,988,532
NISSAN MOTOR CO., LTD. 2,988,535
NISSAN MOTOR CO., LTD. 2,988,622
NIX, GAYLE 2,698,842
NOCK, MARCO 2,748,222
NODA, KAZUHIKO 2,881,367
NOE, MARK EUGENE 2,738,312
NOEL, LLOYD STATON 2,908,528
NOKIA SOLUTIONS AND NETWORKS OY 2,925,401
NOKIA TECHNOLOGIES OY 2,854,495
NOMICHI, KAORU 2,902,779
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,644,194
NORRIS, JAMES A. 2,940,738
NORTON HEALTHCARE LIMITED 2,906,253
NOSKE, JOE 2,922,895
NOTT, DARCY 2,919,654
NOTT, DARCY STEPHEN 2,919,660
NOVABIOTICS LIMITED 2,755,878
NOVADRUG, LLC 2,791,884
NOVAK, ROBERT 2,908,529
NOVARTIS AG 2,745,938
NOVARTIS AG 2,795,461
NOVARTIS AG 2,921,303
NOWACKI, PHILIP 2,728,579
NOWICKI, PETER 2,807,445
NULOGY CORPORATION 2,823,402
NUTTEN, SOPHIE 2,761,444
NYA DJIKI, ROSTAND 2,744,977
O'DONNELL, MARK 2,894,378
O'NEIL, DEBORAH 2,755,878
O'SHEA, DENNIS 2,792,394
OBSER, TOBIAS 2,938,781
OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIU "BALLASTNYE TRUBOPROVODY SVAP" 2,917,067
OCERA THERAPEUTICS, INC. 2,764,587
ODELL, ALBERT C., II 2,929,158
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,775,044
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,791,197
OGAWA, KEIJI 2,914,273
OGAWA, TAKAYUKI 2,898,605
OGAWA, TAKAYUKI 2,941,878
OHASHI, SOZABURO 2,911,626
OHLENDORF, ARNE 2,967,715
OKABE, HIROKI 2,909,837
OKABE, SEIJI 2,809,756
OKADA, NAOKI 2,911,402
OKAMOTO, AKIMITSU 2,622,649
OKELLO, MAURICE O. 2,783,540
OLANIYAN, TUNDE ABIODUN 2,884,995
OLESON, MICHAEL L. 2,927,833
OLIVIERI, ALAIN 2,873,293
OLSEN, PEDER MOHR 2,742,449
OLSON, ERIN 2,778,003
OLSON, LEE ANN 2,716,151
OLSSON, ASHLEY DEAN 2,804,700
OMEGA PATENTS, L.L.C. 2,921,332
OMEROS CORPORATION 2,817,071
OPHIR, YOAV 2,970,894
ORBITAL ATK, INC. 2,849,873
ORR, SHAWN G. 2,912,785
ORRU', GIANMAURO 2,807,420
ORTENZI, GIOVANNI 2,677,989
ORTET, STEPHANE 2,729,192
ORTIZ, DARWIN 2,798,256
OSATO, KEN 2,911,402
OSKIN, CHRISTOPHER 2,743,301
OSTROVSKY, ISAAC 2,743,301
OTSUKA, KENICHIRO 2,914,273
OU, XINBEN 2,959,253
OU, XINMIN 2,959,253
OUTOTEC (FINLAND) OY 2,912,091
OWEN, JEFFREY STEWART 2,797,994
OZCAN, AYDOGAN 2,778,284
OZTOPRAK, CHETIN 2,778,284
PACE, MICHAEL TODD 2,783,525
PAGOTTO, CARLA A. 2,776,163
PAI, CAROL CHIA-FAN 2,857,350
PAIK, SANG HOON 2,839,674
PAIS, DARREN 2,940,263
PALO ALTO RESEARCH CENTER INCORPORATED 2,843,861
PANACEA BIOMATX, INC. 2,908,528
PANDEY, RAVINDRA K. 2,774,361
PANITCH, ALYSSA 2,898,230
PANOZ, DONALD E. 2,801,886
PAPPAS, STEVE 2,752,026
PARADISE, CHRISTOPHER 2,891,352
PARK, YOO CHANG 2,839,674

PARKINSON, DAVID W. 2,849,873
PARKVALL, STEFAN 2,808,860
PARSHALL, DANIEL R. 2,777,354
PARSONS, JAY 2,682,743
PASSINI, MARCO A. 2,607,173
PASSMORE, JOANNA MARIE 2,792,394
PASTOR-FERNANDEZ, JOAQUIN 2,790,571
PASTUSEK, PAUL E. 2,940,263
PATEL, KANU 2,749,941
PATEL, KRISHNAKANT M. 2,800,060
PATRIKIOS, JASON P. 2,777,354
PATZKE, JUERGEN 2,938,781
PAVESTONE, LLC 2,926,108
PAYETTE, GREGORY S. 2,940,263
PEARCE, JEREMIAH GLEN 2,858,226
PEARSONS, JEFFREY 2,908,806
PEEBLES, JUAN R. 2,735,759
PELL, RANDY J. 2,780,909
PELLNY, PAUL-MICHAEL 2,899,914
PENDLETON, BRYAN P. 2,920,568
PENTTINEN, TAPANI 2,801,397
PEPSICO, INC. 2,903,445
PERANEN, JOHAN 2,725,128
PERROT, VINCENT PAUL GABRIEL 2,826,145
PERRY, JAMES 2,871,792
PETIT, VALERIE 2,761,444
PETRO RESEARCH & ANALYSIS CORP. 2,936,351
PETTERSSON, BO 2,812,995
PFIZER INC. 2,916,605
PHAM THI KIM, LOAN 2,847,270
PHARMA MAR, S.A. 2,797,468
PHILIP MORRIS PRODUCTS S.A. 2,794,635
PHILOGEN S.P.A. 2,691,218
PHIPPS, L. MYLES 2,786,880
PIAO, AI-ZHI 2,774,525
PIAO, AI-ZHI 2,774,526
PICKETT, TIMOTHY MICHAEL 2,788,294
PIERRE FABRE MEDICAMENT 2,616,099
PIETARINEN, SUVI 2,927,313
PINARD, EMMANUEL 2,797,874
PINKSTON, STEVEN 2,752,026
PLANTAN, RONALD S. 2,920,255
PLESKONJIC, DRAGAN 2,821,091
PLOHMANN, BERND 2,800,758
PODBORNY, WILLIAM R. 2,957,304
POET RESEARCH, INC. 2,715,072
POLACEK, PETR 2,921,248
POLARIS INDUSTRIES INC. 2,728,579
POMMIER, NICOLAS 2,756,903
PORAT, YAEL 2,567,578
POROZOV, SVETLANA 2,567,578
POST, PETER 2,821,091
POTTS, JEFFREY R. 2,941,244
POWLEY, NICHOLAS RANSOM 2,768,867
PPG INDUSTRIES OHIO, INC. 2,904,889
PPG INDUSTRIES OHIO, INC. 2,921,001
PPG INDUSTRIES OHIO, INC. 2,921,991
PRAKASH, THAZHA P. 2,741,294
PRAXAIR TECHNOLOGY, INC. 2,753,297
PRETTI, RUDY 2,845,613
PREWETT, ADAM 2,639,558
PRINGLE, DOUGLAS 2,921,678
PRIOULT, GUENOLEE 2,761,444
PRITCHETT, RAYMOND A., JR. 2,755,608
PRIVACY ANALYTICS INC. 2,690,788
PROCTOR, ALAN LEE 2,930,271
PROPES, CHRISTOPHER C. 2,809,010
PROVISTA DIAGNOSTICS, LLC 2,650,872
PTCHELINTSEV, DMITRI S. 2,799,083
PURAC BIOCHEM BV 2,753,270
PURDUE RESEARCH FOUNDATION 2,898,230
PURNHAGEN, HEIKO 2,978,915
PYE, EDWARD KENDALL 2,798,256
QUALCOMM INCORPORATED 2,771,622
QUALCOMM INCORPORATED 2,860,776
QUAN, JON FONG 2,959,253
RADIO SYSTEMS CORPORATION 2,789,781
RADWANSKI, MICHAEL TODD 2,738,312
RAGER, TIMO 2,773,306
RAKAN, ALKHALAF 2,955,282
RAKSI, FERENC 2,769,089
RALPH, JAMES HENRY 2,797,994
RAMACHANDRAN, ANANTHA NARAYANAN 2,682,743
RAMIREZ CORREDORES, MARIA MAGDALENA 2,891,352
RAMIREZ, ARTURO 2,773,001
RAMM, JUERGEN 2,775,044
RAMM, JUERGEN 2,791,197
RAMMINGER, UTE 2,863,154
RANGWALLA, IMTIAZ J. 2,793,696
RASANEN, JARI 2,801,397
RATHI, RAMESH 2,774,526
RATHI, RAMESH C. 2,774,525
RATZ, MARKUS 2,752,455
RAUSCH, MARKO 2,926,708
RAWLS-MEEHAN, MARTIN B. 2,789,496
REB, PHILIPPE 2,732,488
RED DAWN IP HOLDINGS (PTY) LTD. 2,855,376
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,914,989
REGAN, TIMOTHY A. 2,800,926
REGENTS OF THE UNIVERSITY OF MICHIGAN 2,774,361
REICHENBACH-KLINKE, ROLAND 2,788,620
REID, JACQUELINE 2,788,997
REILLY, AMANDA J. 2,735,759
REILLY, KATELYN ELIZABETH 2,926,294
REINHOLD, ULRICH 2,821,046
REISSE, GUENTER 2,784,623
REMARCHUK, TRAVIS 2,948,763
REMINGTON, BENJAMIN J. 2,874,749
RENARD, PHILIPPE 2,811,069
REYES BENITEZ, JOSE FERNANDO 2,797,468
REYES, EVER 2,919,240
REZKALLAH, ARESKI 2,899,914
RICE, JAMES 2,653,338
RICHARD, BENNETT M. 2,941,244
RICHARDSON, PAUL FRANCIS 2,916,605
RICHMOND, JOSH 2,964,512
RICO, DENISE MARIE 2,711,128
RIFAI, KATHARINA 2,967,715
RIKEN 2,622,649
RINGENA, OKKO 2,927,313
RIOS, JEAN-FRANCOIS 2,826,145
RIOU, ALEXANDRA 2,795,405
RIPPLINGER, CRYSTAL M. 2,709,287
RISTER, ERNEST L., JR. 2,778,703
ROBERGE, MARTIN J. 2,824,413
ROBERTS, JEFF 2,686,990
ROBERTS, WILLIAM W. 2,770,700
ROBERTSON, DAVID W. 2,743,301
ROBINSON, TIM 2,784,138
ROBISON, CORTNY DAVID 2,772,500
ROCHAL INDUSTRIES, LLC 2,850,920
ROCHAL INDUSTRIES, LLC 2,926,294
ROGAN, MICHAEL JOHN 2,742,363
ROGHE, OLIVER 2,738,312
ROHM AND HAAS COMPANY 2,899,914
ROLL, JESSICA L. 2,777,160
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,796,456
ROMANOV, NIKOLAI 2,868,860
RONSIN, BENOIT 2,873,293
ROOYAKKERS, ALBERT 2,875,518
ROSE, DANIEL E. 2,777,354
ROSEI, FEDERICO 2,743,346
ROSENBERG, JOERG 2,821,046
ROSETTA HARDSCAPES, LLC 2,806,843
ROSS, STEVEN ALAN 2,917,560
ROTACASTER WHEEL LTD 2,782,100
ROTENBERG, MICHAEL JONATHAN 2,931,877
ROUMIGUIERE, FERNANDO-MARIO 2,863,154
ROY, ABHISHEK 2,780,909
ROY, SAYANTAN 2,941,244
ROYCROFT, ROBERT 2,919,781
RUBINSZTAJN, SLAWOMIR 2,917,464
RUDOLF, MICHAEL 2,794,258
RUEDIGER, ANDREAS 2,743,346
RUHMANN, SWEN KAI 2,979,899
RUPPERT, REX L. 2,846,643
RUZYCKY, EWHAN 2,906,217
RYBAK, JASCHA-NIKOLAI 2,691,218
SAARMA, MART 2,725,128
SABAN, MARKO D. 2,847,984
SABETA, ANTON 2,717,328
SACRIPANTE, GUERINO 2,847,984
SADANA, ANIL K. 2,941,244
SAFRAN AIRCRAFT ENGINES 2,951,490
SAFRIS, YEFIM I. 2,768,867

SAINI, VIVEK 2,964,512
SAINT-GOBAIN GLASS FRANCE 2,806,269
SAINT-GOBAIN GLASS FRANCE 2,920,077
SAJIMA, YOSHIE 2,911,402
SAJJAD, MUNAWWAR 2,774,361
SAKAMOTO, EMIKO 2,819,591
SAKAMOTO, NAOKI 2,962,993
SAKAMOTO, NORIHISA 2,819,591
SALAMONE, ANN BEAL 2,850,920
SALAMONE, ANN BEAL 2,926,294
SALAMONE, JOSEPH C. 2,850,920
SALAMONE, JOSEPH CHARLES 2,926,294
SALIOU, CLAUDE 2,774,026
SALYERS, ERIC J. 2,965,203
SANCHEZ, VICENTE 2,891,352
SANDE, GERALD 2,968,420
SANDE, JENNIFER 2,968,420
SANDERSON, WILLIAM S. 2,854,014
SANZ MARTINEZ, PABLO TIMOTEO 2,787,329
SARMA, KESHAB 2,912,224
SARTIPI, SIAMAK 2,779,590
SASAI, HISAO 2,845,548
SASAI, HISAO 2,866,121
SATOH, MITSUO 2,729,567
SAUCIER, STANTON D. 2,812,931
SAUDI ARABIAN OIL COMPANY 2,867,747
SAUDI ARABIAN OIL COMPANY 2,904,674
SAUNDERS, BRIAN 2,827,600
SAVAGE, MICHAEL M. 2,818,336
SAYSON, DAVID 2,742,468
SCALAPRICE, ROMEO 2,807,420
SCARBROUGH, JANUARY 2,785,815
SCHENK, JOHN L. 2,531,176
SCHEURING, UWE 2,800,758
SCHILLER, JOHN T. 2,686,990
SCHMIDT, HOWARD K. 2,904,674
SCHMIDT, JOERG 2,795,461
SCHMOLZ, MANFRED 2,736,485
SCHNEIDER, KLAUS 2,812,995
SCHNEPPENHEIM, REINHARD 2,938,781
SCHOLZ, KEVIN JAMES 2,823,835
SCHRAEML, MICHAEL 2,770,173
SCHUDEL, WERNER 2,690,596
SCHULTZ, JAMES ARNOLD 2,809,281
SCHUMACHER, STEPHEN 2,894,378
SCHURB, JULIUS 2,843,450
SCHURIG, GUNTHER 2,794,197
SCHWARTZ, JOSEPH MICHAEL 2,753,297
SCHWARZ, TIMOTHY G. 2,796,216
SCHWEIGERT, BRADLEY D. 2,905,053
SCIENTIFIC DRILLING INTERNATIONAL, INC. 2,918,346
SCOTT, ALAN JAMES 2,884,995
SCOTT, IAN RICHARD 2,963,621
SEAL, BRANDON 2,898,230
SEDLMAIER, ALBERT 2,825,250
SEGUIN, JEAN-MARC L. 2,946,073
SEIFERT, AXEL 2,800,318
SELA, GAL 2,964,512
SENVION GMBH 2,898,738
SEO, JINWOOK 2,839,674
SESSNER, RAINER 2,967,715
SETH, ALOK R. 2,952,398
SEWANI, ANIL A. 2,777,354
SHAH, MINISH MAHENDRA 2,753,297
SHAH, SACHIN 2,716,151
SHAIKH, KASHAN A. 2,780,494
SHAMLIAN, STEVEN V. 2,868,860
SHAN, BO 2,792,394
SHAN, JIAQI 2,824,869
SHAPORIN, IGOR IVANOVICH 2,917,067
SHARGH, HOSSEIN MOLAIE 2,959,253
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,779,866
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,858,226
SHEN, FRANCIS 2,742,468
SHIBAHARA, YOUJI 2,778,280
SHIBAHARA, YOUJI 2,845,548
SHIBAHARA, YOUJI 2,866,121
SHIBATA, YUKIHIKO 2,911,402
SHIMONI-ZALK, DAPHNA 2,567,578
SHIOKAWA, SATOSHI 2,915,756
SHOEMAKER, PHILIP ALEXANDER 2,780,494
SHOKROLLAHI, MOHAMMAD AMIN 2,771,622
SHORROCK, CELIA PATRICIA 2,804,901
SHRINERS HOSPITALS FOR CHILDREN 2,800,595
SHRINERS HOSPITALS FOR CHILDREN 2,921,678
SHULOCK, DAMIEN J. 2,845,613
SHUMATE, MONROE WILLIAM 2,748,725
SHUMATE, MONROE WILLIAM 2,748,745
SHUMATE, MONROE WILLIAM 2,748,746
SIBIET, FABRICE 2,790,271
SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH 2,938,781
SIEMENS INDUSTRY, INC. 2,906,093
SIERCKS, KNUT 2,812,995
SIESEL, DAVID 2,707,494
SIEVERT, ALLEN C. 2,809,281
SILBER, STEFAN 2,757,443
SILGE, STEFFEN 2,794,197
SILVERNAIL, NATHAN J. 2,921,991
SIMON FRASER UNIVERSITY 2,759,703
SIMPSON, ALASTAIR 2,806,472
SISODIA, SUNITA S. 2,862,972
SKIME, TIM 2,728,579
SLACK, PAUL 2,784,138
SLIEKERS, ARNE OLAV 2,753,270
SMALL, ALISON HOLDHUS 2,797,994
SMEETS, FLORIAN 2,903,089
SMITH, BRADLEY W. 2,849,873
SMITH, EDWARD J. 2,891,352
SMITH, GARY FRANCIS 2,735,759
SMITH, JACYNDA 2,898,328
SMITH, KEN 2,953,821
SMITH, STEVE M. 2,838,001
SNECMA 2,744,977
SNECMA 2,795,405
SNECMA 2,826,145
SNYDER, JOHN KENNETH 2,922,856
SOCHA, DENNIS ALBERT 2,738,460
SODERHAMN ERIKSSON AB 2,920,640
SOLIMAN, MOHAMED YOUSEF 2,936,351
SON, JONG MUN 2,839,674
SONG, HAINONG 2,946,015
SORKIN, FELIX 2,946,528
SOUTHALL, MICHAEL 2,774,026
SPENCER, RON 2,768,417
SPIESS, BERNHARD 2,914,989
SPINEX TEC, LLC. 2,768,867
SPIVEY, BENJAMIN 2,940,263
SPRAGUE, LEE G. 2,809,281
SQUIRES, E. JAMES 2,867,853
ST-JEAN, FREDRIC 2,948,763
STACHOWIAK, JOHN EDWARD, JR. 2,916,161
STALCUP, GREGORY C. 2,874,749
STAMICARBON B.V. 2,803,270
STANISLAUS, MARIA CHARLES VIJAY 2,776,163
STEELCO SPA 2,820,803
STEEN, TOD ROBERT 2,917,560
STEFFEN, WERNER 2,784,623
STEPAN COMPANY 2,779,644
STEPHANOPOULOS, GREGORY 2,791,695
STEPHENS, BARRY D. 2,798,235
STERK, PAUL 2,823,835
STEWART, GREGORY R. 2,607,173
STO SE & CO. KGAA 2,929,737
STOJANOVIC, MARKO 2,875,889
STOKICH, THEODORE M., JR. 2,780,909
STOKKE, RYAN M. 2,905,053
STONE, DAVID 2,904,889
STONE, JON TERENCE 2,783,525
STORA ENSO OYJ 2,801,397
STREBELLE, SEBASTIEN 2,790,812
STRYDHORST, TIM 2,842,387
STRYDOM, TREVOR 2,855,376
STRYKER CORPORATION 2,772,500
STUMPF, THOMAS 2,975,329
STURGESS, PATRICIA KIM 2,781,317
SU, SHUNXING 2,848,337
SUBIT, JESSICA LICARDI 2,738,312
SUEN, YAT FAN 2,818,589
SUGIO, TOSHIYASU 2,845,548
SUGIO, TOSHIYASU 2,866,121
SUMITOMO CHEMICAL COMPANY, LIMITED 2,819,591
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,953,652
SUMNER MANUFACTURING COMPANY, LLC 2,932,307
SUN PATENT TRUST 2,778,280

SUN PATENT TRUST 2,845,548
SUN PATENT TRUST 2,866,121
SUN, HAI WEI 2,778,280
SUN, HAI WEI 2,845,548
SUN, HONGBIN 2,824,869
SUNCOR ENERGY INC. 2,898,486
SUZUKI, YUTAKA 2,902,779
SVENSSON, BENGT 2,745,305
SWAGER, THOMAS CHARLES 2,917,560
SWAMI, SHIVLINGAYYA 2,916,781
SWAYZE, ERIC E. 2,640,058
SWAYZE, ERIC E. 2,741,294
SYNAPSE INTERNATIONAL S.A. 2,757,422
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,931,877
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,512
TAKAHASHI, RYOICHI 2,881,367
TAKAMIYA, TOSHITO 2,809,756
TAKANO, TAKAHIRO 2,813,713
TAKEDA AS 2,742,449
TAKESHITA, NAOHIRO 2,911,890
TAKEUCHI, KAZUYA 2,816,670
TAKEUCHI, MANABU 2,925,647
TAN, LANG 2,946,015
TANIGUCHI, HIROSHI 2,936,776
TANIKAWA, KYOKO 2,845,548
TANIKAWA, KYOKO 2,866,121
TARASOV, KIRILL 2,801,459
TATSUMI RYOKI CO., LTD 2,962,908
TAYLOR, GERRY 2,782,100
TAYLOR, THOMAS 2,894,378
TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES 2,792,427
TECHSPACE AERO S.A. 2,811,069
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,808,860
TELETRACKING TECHNOLOGIES, INC. 2,518,293
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,931,695
TENNICAN, PATRICK O. 2,786,880
TEOFILOVIC, DEJAN 2,770,700
TERADA, KENGO 2,866,121
TEXAS HEART INSTITUTE 2,818,336
THAPLIYAL, HIRA V. 2,726,934
THE BOEING COMPANY 2,865,636
THE BOEING COMPANY 2,884,995
THE PROCTER & GAMBLE COMPANY 2,780,735
THE PROCTER & GAMBLE COMPANY 2,925,603
THE PROCTER & GAMBLE COMPANY 2,928,983
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,778,284
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,770,700
THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK 2,774,361
THE SCRIPPS RESEARCH INSTITUTE 2,893,200
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,686,990
THE UNIVERSITY OF MELBOURNE 2,747,206
THE VIKING CORPORATION 2,912,785
THEUER, CHARLES 2,775,810
THIELEN, URSULA ANNE 2,749,376
THISTED, THOMAS 2,742,449
THOMAS, RAINER 2,802,401
THOMSON REUTERS GLOBAL RESOURCES 2,710,427
THOMSON REUTERS GLOBAL RESOURCES 2,714,091
THOMSON, JAMES A. 2,536,588
TIBBETTS, NICOLE JESSICA 2,919,240
TICONA LLC 2,800,926
TIIROLA, ESA TAPANI 2,925,401
TIRTOWIDJOJO, MAX M. 2,894,168
TOCHACEK, JIRI 2,921,248
TORAY INDUSTRIES, INC. 2,792,095
TOUT, AIDAN M. 2,784,138
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,879,525
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,909,837
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,574
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,626
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,890
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,915,756
TOYOTA, RYOHEY 2,988,042
TOYOTA, RYOHEY 2,988,532
TOYOTA, RYOHEY 2,988,622
TRACHSEL, EVELINE 2,691,218
TRACON PHARMACEUTICALS, INC. 2,775,810
TRADAPHARMA SAGL 2,774,451
TREDE, ALF 2,898,738
TREWELLA, JEFFREY C. 2,891,352
TRIBUNE BROADCASTING COMPANY, LLC 2,979,711
TRIGG, WILLIAM JOHN 2,792,394
TRINKA, CAROLYN J. 2,735,758
TSUJIUCHI, TATSUYA 2,934,839
TSUKIZAKI, ATSUSHI 2,987,875
TSUKIZAKI, ATSUSHI 2,988,042
TSUKIZAKI, ATSUSHI 2,988,532
TUCKER, KEVIN MICHAEL 2,930,692
TUCKER, STEVEN KENNETH 2,971,648
TUCKER-SAMARAS, SAMANTHA D. 2,774,026
TUOMINEN, RAIMO 2,725,128
TURBOMECA 2,802,401
TYCO HEALTHCARE GROUP LP 2,716,151
TYME LLC 2,898,328
UCL BUSINESS PLC 2,764,587
UGUR, KEMAL 2,854,495
UMETANI, HIDEKI 2,850,337
UNGCHUSRI, TEP 2,884,841
UNITED STATES GYPSUM COMPANY 2,738,460
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. 2,783,540
UOP LLC 2,864,851
UPM-KYMMENE CORPORATION 2,927,313
URECH, DAVID 2,689,064
UTKE, JEREMY 2,728,579
UTTECH, SCOTT K. 2,796,216
VAILLANCOURT, TOMMY 2,815,249
VALKONEN, SANNA 2,927,313
VAN BROCKLIN, ANTHONY R. 2,798,235
VAN BUSKIRK, ELLOR JAMES 2,904,889
VAN DAMME, FREDDY 2,780,909
VAN DER MERWE, SHAWN 2,971,324
VAN GOOL, MICHIEL LUC MARIA 2,790,571
VAN HAAREN, CHRISTOPHER A. 2,813,307
VAN NIEKERK, MICHAEL 2,855,376
VANBESIEN, DARYL W. 2,852,333
VANDAL, PETER J. 2,813,307
VANDERPUY, THOMAS 2,907,555
VANDERSLICE, PETER 2,818,336
VANHOOF, GRETA CONSTANTIA PETER 2,790,571
VANSWIJGENHOVEN, DIETER 2,800,318
VANSWIJGENHOVEN, TONY 2,800,318
VARELMAN, JEFFREY 2,778,142
VASQUEZ, MAXIMILIANO 2,775,810
VEERAMACHANENI, HARSHA 2,710,427
VEERAMACHANENI, SRIHARSHA 2,714,091
VELEZ, LAWRENCE 2,932,307
VELTHAUS, KARL-OTTO 2,926,708
VEMPATI, BRAHMANANDA R. 2,800,060
VEREGIN, RICHARD P N 2,852,333
VERTEX PHARMACEUTICALS INCORPORATED 2,707,494
VESTWEBER, ANNA-MARIA 2,925,363
VESUVIUS GROUP S.A. 2,790,271
VETTERS, DANIEL KENT 2,796,456
VICKERY, ETHAN 2,769,979
VILLA, ALESSANDRA 2,691,218
VILLEMOES, LARS 2,978,915
VISA, PANU 2,764,793
VISSER, DIANA 2,753,270
VM PRODUCTS INC. 2,769,979

VM PRODUCTS INC. 2,799,145
VOICEAGE CORPORATION 2,815,249
VOJTOVA, LUCY 2,921,248
VON PROFF, LEOPOLD 2,770,173
VOTRUBA-DRZAL, PETER L. 2,921,991
VOUTILAINEN, MERJA 2,725,128
VOVOS, ROBERT J. 2,940,827
VROMAN, EDWARD 2,912,091
VT LEEBOY, INC. 2,731,731
VUONG, DINH-CUONG 2,788,294
VYTRONUS, INC. 2,726,934
W. L. GORE & ASSOCIATES, INC. 2,838,352
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CHOWDHURY, SULTAN 2,999,769
CHUNG, CHENG-SHIU 2,999,862
CHUNG, CHUL-WOONG 3,000,087
CHUNG, HSINCHEN 2,999,463
CICCHETTI, CHRISTINE 2,999,762
CINCEA, CORNELIU 3,000,001
CISEK, NICK 2,999,865
CISNEROS, ANSELMO T., JR. 2,999,894
CLARK, JIMMIE R. 2,999,759
CLARK, ROBERT PARKER 3,000,092
CLARKE, NIGEL 3,000,178
CLARKE, RODNEY K. 3,000,394
CLARKE, THOMAS C. 2,999,478
CLEAN WORLD TECHNOLOGIES LTD. 2,999,811
CLELAND, JEFFREY L. 2,999,766
CLIFTON, WILLIAM L. 2,999,986
CLIPCART CORP. 3,000,235
COATES, ANTHONY 2,999,720
COBB, JOSEPH E., JR. 2,999,990
COBB, STEVEN 3,000,188
COBURN, ROY 3,000,392
COCO, GEOFFREY P. 2,999,508
COCO, GEOFFREY P. 2,999,510
COCO, GEOFFREY P. 2,999,524
COLES, ANDREW 2,995,110
COLLARTE BONDY, FEDERICO 3,000,014
COLLETTI, BRUCE WILLIAM 3,000,456
COLPAERT, FILIP 3,000,393
COMAU S.P.A. 2,985,230
COMAU S.P.A. 2,999,817
COMBAZ, ETIENNE 2,999,900
COMBAZ, ETIENNE 3,000,025
COMMENCE BIO, INC. 3,000,334
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,999,643
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,000,006

COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,000,007
COMPOSITE COOLING SOLUTIONS, L.P. 2,999,915
CONOCOPHILLIPS COMPANY 2,999,920
CONOCOPHILLIPS COMPANY 2,999,984
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS 2,999,843
COOKS, ROBERT GRAHAM 2,999,918
COOMER, TIMOTHY A. 3,000,392
COOPER, BETH 2,999,847
COOPER, DAVID MATTHEW 2,999,271
COOPER, LANCE 2,999,975
COOPER, PAUL 3,000,149
COOPER, RORY ALAN 2,999,862
CORDLE, RONALD 2,999,979
COREY, STEVEN 2,999,522
CORMEDIX INC. 2,999,972
CORMEDIX INC. 2,999,973
CORNELL, ADAM 2,999,784
CORNING INCORPORATED 3,000,184
CORRENDO, ROBERTO 2,999,751
CORTEN, GUSTAVE PAUL 2,999,938
COSTELLO, PETER 3,000,303
COSTEUX, STEPHANE 3,000,220
COURNANE, STEPHEN 2,999,513
COUTURE, PIERRE 2,999,178
COVESTRO DEUTSCHLAND AG 2,999,680
COVIDIEN LP 2,999,906
COVIDIEN LP 2,999,907
COWAN, CHAD ALBERT 2,999,649
COX AUTOMOTIVE, INC. 3,000,456
COX, BRAD M. 3,000,089
CRABTREE, SAM L. 3,000,222
CRANDALL, GREG 3,000,053
CREAVEN, MARTIN P. 2,999,856
CREO MEDICAL LIMITED 2,999,943
CRESCENDO BIOSCIENCE 3,000,192
CRISPR THERAPEUTICS AG 2,999,649
CRISSMAN, WAYNE 2,999,770
CROMPTON, DAVID B. 2,999,473
CROSSLEY, PETER LEE 3,000,067
CROUSE, MARK S. 2,999,883
CRS HOLDINGS, INC. 2,999,946
CRUZALEGUI, FRANCISCO HUMBERTO 2,999,935
CRUZALEGUI, FRANCISCO HUMBERTO 2,999,937
CUNNINGHAM, EMMETT 2,999,766
CURRAN, DAVID JEFFREY 2,999,738
CURT G. JOA, INC. 3,000,031
D'SOUZA, ROHINI 2,999,990
DAIICHI SANKYO COMPANY, LIMITED 2,999,819
DAIICHI SANKYO COMPANY, LIMITED 2,999,982
DALEY, TOBY 2,999,915
DALY, AARON 3,000,279
DALY, AARON 3,000,283
DAMAK, MAHER 3,000,181
DAMBERG, GERWIN 2,999,353
DAMIECKI, DAVID 2,999,788
DAMIECKI, DAVID 2,999,807
DANI, NIKHIL P. 3,000,308
DANI, NIKHIL P. 3,000,309
DANI, NIKHIL P. 3,000,310
DANI, NIKHIL P. 3,000,312
DANILKOVITCH, ALLA 2,999,909
DAPHNE TECHNOLOGY SA 2,999,719
DARE, MICHAEL C. 3,000,394
DARKVISION TECHNOLOGIES INC. 2,999,363
DASSONVILLE, CAMILLE 2,999,950
DAVELER, BRANDON JOSEPH 2,999,862
DAVID, FREDERIC 3,000,352
DAVIS, RONALD W. 3,000,010
DAWSON, CHRISTOPHER 2,999,810
DE LA RUE INTERNATIONAL LIMITED 2,999,802
DE LA RUE INTERNATIONAL LIMITED 2,999,831
DE LA RUE INTERNATIONAL LIMITED 2,999,833
DE MATA CECILIO, INES 2,999,786
DE MOLLI, DANIELE 2,981,215
DE NORA, PAOLO 2,999,667
DE OLIVEIRA, LUPERCIO TARCISIO 2,999,811
DE WAGENAAR, BJORN 2,999,683
DE-GAUDEMARIS, BENOIT 2,999,643
DEARDEN, RICHARD 2,999,786
DECHANET, THIERRY 2,988,358
DECORNEZ, HELENE 2,999,852
DECTRONIQUE (1984) INC. 2,999,596
DEGLMANN, PETER 3,000,037
DEGRACE, PASCAL 2,999,617
DEHNHARDT, CHRISTOPH MARTIN 2,999,769
DELAVAL HOLDING AB 2,999,706
DELLES, STEVEN 3,000,225
DELTA ENERGY & COMMUNICATIONS, INC. 3,000,206
DELZER, BRENT 3,000,018
DEMARK, JOSEPH J. 3,000,425
DEMIRCI, UTKAN 3,000,010
DEMIZIEUX, LAURENT 2,999,617
DEMONT, EMMANUEL HUBERT 2,999,379
DERIX, JONATHAN 3,000,059
DERUNTZ, DANIEL 2,999,988
DESAI, DIPEN 3,000,418
DESPOIS, AUDE 2,999,900
DESPOIS, AUDE 3,000,025
DETERMAN, JAMES 2,999,905
DETNET SOUTH AFRICA (PTY) LTD 3,000,236
DEUTSCH, CHRISTIAN 3,000,282
DEVELOPING SOFTWARE LLC 2,999,522
DEWA, YOSHIHARU 2,999,701
DHALA, AMYN 2,999,754
DI LELLA, SANTIAGO 2,999,843
DI STEFANO, GIOVANNI 2,985,230
DI STEFANO, GIOVANNI 2,999,817
DIAS, LIBARDO OCHOA 2,999,473
DIBELLA, ANTHONY VINCENT 2,999,988
DICKINSON, STEPHANIE 2,999,236
DIETERICH STANDARD, INC. 2,999,889
DIETRICH, HANSJORG 2,999,853
DILUCCIO, ROBERT 2,999,972
DILUCCIO, ROBERT 2,999,973
DING, HONGMEI 2,999,957
DIRTT ENVIRONMENTAL SOLUTIONS, INC. 3,000,008
DISCOVERX CORPORATION 2,995,351
DITTAMORE, RYAN 2,999,911
DITULLIO, DANIEL DALE, JR. 3,000,226
DIVAKARAMENON, SETHUMADHAVAN 2,999,772
DIX, SIMON R. 2,999,752
DOLBY INTERNATIONAL AB 2,999,271
DOLBY LABORATORIES LICENSING CORPORATION 2,999,271
DOLOG, ROSTYSLAV 2,999,991
DONG, QING 2,999,589
DONG, YUXIA 2,999,903
DORAISWAMY, VIJAAY 2,999,775
DOROHOVICH, SERGEY LEONIDOVICH 2,999,859
DOUGLAS, LAWRENCE 2,999,478
DOW AGROSCIENCES LLC 3,000,198
DOW AGROSCIENCES LLC 3,000,425
DOW GLOBAL TECHNOLOGIES LLC 2,999,748
DOW GLOBAL TECHNOLOGIES LLC 2,999,753
DOW GLOBAL TECHNOLOGIES LLC 2,999,845
DOW GLOBAL TECHNOLOGIES LLC 3,000,174
DOW GLOBAL TECHNOLOGIES LLC 3,000,177
DOW GLOBAL TECHNOLOGIES LLC 3,000,180
DOW GLOBAL TECHNOLOGIES LLC 3,000,216
DOW GLOBAL TECHNOLOGIES LLC 3,000,217
DOW GLOBAL TECHNOLOGIES LLC 3,000,220
DOW GLOBAL TECHNOLOGIES LLC 3,000,221
DOW GLOBAL TECHNOLOGIES LLC 3,000,222
DOW GLOBAL TECHNOLOGIES LLC 3,000,224
DOW QUIMICA DE COLOMBIA S.A. 3,000,217
DOW TECHNOLOGY INVESTMENTS LLC 3,000,212
DOW TECHNOLOGY INVESTMENTS LLC 3,000,214
DOW, DAVID R. 3,000,399
DOWNES, MICHAEL 3,000,431
DRAY, JAMES R. 2,999,758
DRESNER-THORNBER, EMILY 2,999,770

DROMBOSKY, TYLER 2,999,770
DSM IP ASSETS B.V. 2,999,638
DUAN, ZHIYONG 2,999,852
DUAN-ARNOLD, YI 2,999,909
DUDDI, GOPINATH 3,000,161
DUFFY, NOAH H. 2,999,864
DUHR, STEFAN 3,000,059
DUKE UNIVERSITY 3,000,230
DUMMER, REINHARD 3,000,290
DUMMER, REINHARD 3,000,293
DUNFORD, MATTHEW J. 3,000,394
DUNLOP, JONATHAN 2,999,786
DUPONT, KYLE RICHARD 2,999,952
DURMUS, NASIDE GOZDE 3,000,010
DURU, ADIL 2,999,891
E-CIRCUIT MOTORS, INC. 2,999,999
E-CIRCUIT MOTORS, INC. 3,000,002
EARL, DENNIS DUNCAN 3,000,458
EARTH NETWORKS, INC. 2,999,884
EASTMAN, PAUL SCOTT 3,000,192
EATON INTELLIGENT POWER LIMITED 2,999,841
EATON INTELLIGENT POWER LIMITED 2,999,855
EATON INTELLIGENT POWER LIMITED 2,999,877
EATON INTELLIGENT POWER LIMITED 2,999,879
EATON INTELLIGENT POWER LIMITED 2,999,893
EATON INTELLIGENT POWER LIMITED 2,999,896
EATON INTELLIGENT POWER LIMITED 2,999,899
EBINA, AKIHIKO 2,999,962
EDERLE, ROBERT ALBERT 2,999,236
EDGELL, TRACEY ANN 3,000,029
EDINGER, AIMEE 2,999,177
EDWARDS, JACQUELINE 2,999,780
EDWARDS, JACQUELINE 2,999,782
EDWARDS, JOHN L. 3,000,303
EICK, PETER M. 2,999,920
EKANAYAKE, PIYUMI NIROSHINI 2,999,780
EKSTEEN, EHREN CRONJE 3,000,314
EL-MANKABADY, EMAD 3,000,218
ELC MANAGEMENT LLC 2,999,721
ELC MANAGEMENT LLC 2,999,722
ELC MANAGEMENT LLC 2,999,726
ELC MANAGEMENT LLC 2,999,750
ELFAR, JOHN C. 3,000,196
ELLIS, ROBERT WILEY 2,999,959
ELSNER, DIETMAR 2,999,854
ENGEBRETSEN, DAIN 3,000,188
ENGELMAN, RICHARD A. 2,999,979
ENGELMAN, RICHARD A. 2,999,983
ENGLERT, MICHAEL 3,000,295
ENOBAKHARE, HUGH 2,999,776
EPIC SCIENCES, INC. 2,999,911
EPIONTIS GMBH 2,999,611
EPIONTIS GMBH 2,999,614
EPIROC ROCK DRILLS AKTIEBOLAG 2,999,978
EPIROC ROCK DRILLS AKTIEBOLAG 3,000,446
EPIZYME, INC. 2,999,898
EPSTEIN, STEPHEN 2,999,513
EQUINIX, INC. 2,999,775
ERGE, ONEY 2,999,786
ERGOTRON, INC. 2,999,757
ERICKSON, JOHN 2,999,908
ESCO CORPORATION 3,000,394
ESCORT INC. 3,000,392
ESPARZA, TLACAELEL MIGUEL 2,999,839
ESPERA-WERKE GMBH 3,000,287
ESSEGHIR, MOHAMED 2,999,748
ESSEGHIR, MOHAMED 2,999,753
ESSEGHIR, MOHAMED 2,999,845
ESTRIN, DARIO ARIEL 2,999,843
ETHICON, INC. 3,000,361
ETHICON, LLC 2,999,832
EUROEQUIPE S.R.L. 2,999,667
EVANS, RONALD M. 3,000,431
EVER NEURO PHARMA GMBH 2,999,675
EVERI PAYMENTS INC. 2,999,869
F. HOFFMANN-LA ROCHE AG 2,999,850
F. HOFFMANN-LA ROCHE AG 2,999,851
F. HOFFMANN-LA ROCHE AG 2,999,941
F. HOFFMANN-LA ROCHE AG 3,000,297
F.HOFFMANN-LA ROCHE AG 2,999,944
F.HOFFMANN-LA ROCHE AG 3,000,056
FACEBOOK, INC. 3,000,038
FAKOORIAN, SEYED ALI AKBAR 3,000,345
FALLIGANT, JOHN C. 3,000,210
FAN, XUDONG 3,000,389
FAN, YIJING 3,000,149
FARAH, MARCELO 2,999,787
FARHAT, HOOTAN 3,000,152
FAULKNER, BRANDON 2,999,762
FELIX, NATHAN 3,000,396
FERAUD, BENJAMIN 3,000,090
FERNANDES, MARIO 3,000,354
FERNANDEZ-GOMEZ, SANTIAGO 2,999,850
FERNANDEZ-GOMEZ, SANTIAGO 2,999,851
FERREIRA, IAN P. 2,999,508
FERREIRA, IAN P. 2,999,510
FERREIRA, IAN P. 2,999,524
FERREL, PAUL 3,000,188
FERRINI, ROGER 3,000,167
FETISOV, ALEKSANDR VLADIMIROVICH 2,999,969
FIAMENGO, BRYAN A. 2,999,864
FISCH, ANDREAS 2,999,794
FISCHER, RUDIGER 2,999,790
FISCHERWERKE GMBH & CO. KG 3,000,279
FISCHERWERKE GMBH & CO. KG 3,000,283
FISHER CONTROLS INTERNATIONAL LLC 2,999,481
FISHER, CHAD ADAM 3,000,347
FIUMANA, ANDREA 2,999,937
FLECHSIG PATENT COMPANY LLC 2,999,793
FLECHSIG, FRANK 2,999,793
FLECHSIG, THOMAS 2,999,793
FLEX FUEL - ENERGY DEVELOPMENT 3,000,294
FOCKEN, THILO 2,999,769
FOLLEN, SEAN P. 3,000,031
FOLLICA, INC. 2,999,988
FOLOPPE, NICOLAS 2,999,935
FOLOPPE, NICOLAS 2,999,937
FORGUSON, DOUGLAS PAUL 3,000,225
FORM 700 PTY LTD 2,999,778
FOSTER, SCOTT 3,000,206
FOURNET, DOMINIQUE 3,000,066
FOWLER, JAMES 2,999,974
FRANCA, MARCOS 3,000,222
FRANCA, MARCOS P. 3,000,221
FRANCA, MARCOS P. 3,000,224
FRANCIS, CHRISTOPHER J. 2,999,772
FRANK, RUSSELL 2,999,996
FRANK-KAMENETSKY, MARIA DAVID 2,999,772
FRANKLYN, PAUL JOHN 2,999,956
FRANSSON, JOHAN 3,000,396
FRANSSON, JOHAN 3,000,400
FRANZ KASSECKER GMBH 3,000,270
FREEMAN, CHARLES GREGORY 2,999,894
FREER, BENJAMIN AVERY 2,999,855
FREER, BENJAMIN AVERY 2,999,877
FREER, BENJAMIN AVERY 2,999,879
FREER, BENJAMIN AVERY 2,999,893
FREER, BENJAMIN AVERY 2,999,896
FREI, CHRISTIAN 3,000,300
FRICOUT, GABRIEL 2,999,801
FRIEDMAN, DORON 3,000,088
FROHLICH, THOMAS 3,000,299
FUGUE, INC. 2,999,770
FUJITA, KAZUHIRO 3,000,114
FUJITA, SUSUMU 2,999,814
FUJITA, SUSUMU 2,999,816
FUJIWARA, NAOKI 2,999,682
FUJIYAMA-NOVAK, JANE HITOMI 2,999,787
FUKUOKA, MOE 2,999,970
FULLER, JAYMES 3,000,390
FUMEAUX, MAUDE 2,999,900
FUMEAUX, MAUDE 3,000,025
FUNDACION SALES 2,999,843
FUSIO D'ARTS TECHNOLOGY, S.L. 3,000,301
FUSTIC, MILOVAN 2,999,599
FUTURE LABO CO., LTD. 3,000,015
GAAL, PETER 3,000,345
GADSDEN HEVIA, CARLOS EDUARDO 3,000,315
GADSDEN LOPEZ, CARLOS 3,000,315
GALLARD, ANTHONY 3,000,131
GALLARD, ANTHONY 3,000,133
GAMENIGHTLIFE, LLC 2,999,844
GAO, DASHAN 3,000,355
GAO, JINGLUN 3,000,355
GAO, LU 2,999,944

GAO, PING 2,999,931
GARCIA, MARIA ELIZABETH FERREIRA 2,999,787
GARCIA, SADDY 2,999,471
GARCIA-GARCIA, JOSE CARLOS 2,995,393
GARIMELLA, VENKATA BS 3,000,341
GATZWEILER, ELMAR 2,999,853
GAWRYLA, MATTHEW DANIEL 2,999,771
GCP APPLIED TECHNOLOGIES INC. 2,999,957
GEA MECHANICAL EQUIPMENT GMBH 2,999,661
GEISLER, JENS 2,999,931
GEMPHIRE THERAPEUTICS INC. 3,000,016
GENENTECH, INC. 2,999,769
GEOTHERMIC SOLUTION, LLC 2,999,878
GERMANS BOADA, S.A. 3,000,062
GERMANS BOADA, S.A. 3,000,064
GERRA, KIMBERLY P. 3,000,205
GERSMANN, THOMAS 3,000,269
GERSMANN, THOMAS 3,000,276
GERSTENSLAGER, GARY E. 3,000,358
GEY, FREDRIC C. 2,999,883
GHUSN, GEORGE 3,000,204
GIARDELLO, MICHAEL A. 2,999,864
GIBSON, CHRISTOPHER JOHN 2,995,502
GIESELMAN, KAREN JEANNE 2,999,236
GILBERT, CRAIG 2,999,236
GILCHRIST, JACK 2,999,765
GILLE, ANNIKA 3,000,063
GINTER, MARK 2,999,762
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 2,999,379
GLICKLICH, ALAN 2,999,467
GLIJER, DAVID 2,999,801
GOBRON, STEPHANE 2,999,797
GODA, KOJI 2,999,834
GODDARD, ROBERT WILL 2,999,538
GOEPPER, STEFAN 3,000,063
GOLD, THOMAS B. 2,999,990
GOLDFLESS, STEPHEN J. 2,999,885
GOLDFLESS, STEPHEN J. 2,999,886
GOLDFLESS, STEPHEN J. 2,999,888
GOLDFLESS, STEPHEN JACOB 2,999,917
GOLLNER, ANDREAS 3,000,063
GOMES, JORGE C. 3,000,217
GOOD START GENETICS, INC. 2,999,708
GOODALL, SHARON 2,999,688
GOODIER, STEVEN PAUL 2,999,810
GOODWIN, TYLER 2,999,756
GORDON, JOSEPH 2,999,988
GORDOVA, RIMMA YUREVNA 2,999,846
GORGENS, ULRICH 2,999,790
GORKOVENKO, ELENA 3,000,453
GORSCHLUETER, JOERG 2,999,634
GOSS, JANET M. 3,000,216
GOTO, SHISEI 2,999,970
GOTTSCHALK, MARCELO 3,000,201
GOUJON, DANIEL 2,999,751
GOYETTE-DESJARDINS, GUILLAUME 3,000,201
GRAF, PHIL 3,000,152
GRASSI, VINICIUS GALHARD 2,999,787
GRAYBUG VISION, INC. 2,999,766
GREET, CHRISTOPHER JOHN 3,000,047
GREILLIER, BERNARD 3,000,058
GRENOL IP GMBH 2,999,928
GREY TECHNOLOGY LIMITED 3,000,085
GREY, NICHOLAS GERALD 3,000,085
GRIFFITH, GREGORY E. 2,999,968
GRILL, WARREN M. 3,000,230
GRIMM, AXEL 2,999,932
GRIMM, AXEL 2,999,933
GRIMM, AXEL 2,999,936
GRIMWOOD, MICHAEL EDWARD 2,999,769
GRINDLE, GARRETT G. 2,999,862
GROENE, VERENA 2,999,661
GROH, MARTIN 3,000,023
GROMADA, JESPER 3,000,215
GROSS-HARDT, SASCHA 2,999,986
GROTH, ANJA 3,000,275
GRUENANGER, CHRISTIAN 3,000,037
GRZYBEK, LUKASZ 2,999,849
GUAN, LEI 2,999,587
GUANGDONG LIANJIE BIOTECHNOLOGY CO., LTD. 2,999,366
GUEST, WILLIAM 3,000,067
GUNN, NICHOLAS MAX 2,999,951
GUNTNER, JOCHEN 2,999,604
GUO, XIAOKE 3,000,040
GUO, ZHANGENG 2,999,660
GUPTA, SHIKHA 2,999,534
GUTHRIDGE, KATHRYN MICHAELA 2,999,780
HA, SOO BONG 3,000,087
HAAKE, MARKUS 3,000,290
HAAKE, MARKUS 3,000,293
HABASIT AG 2,999,854
HABERER, CHRISTOPH 3,000,019
HABERT, ALBERTO CLAUDIO 2,999,787
HAGAN, JOHN S. 2,999,989
HAGER, DOMINIK 2,999,790
HAKENHOLT, CHRISTOPH 2,999,618
HALE, RACHEL 2,999,471
HALL, LEE J. 3,000,152
HALLIBURTON ENERGY SERVICES, INC. 2,999,463
HALLIBURTON ENERGY SERVICES, INC. 2,999,465
HALLIBURTON ENERGY SERVICES, INC. 2,999,740
HALLIBURTON ENERGY SERVICES, INC. 2,999,964
HALLIBURTON ENERGY SERVICES, INC. 3,000,149
HALLIBURTON ENERGY SERVICES, INC. 3,000,152
HALLIBURTON ENERGY SERVICES, INC. 3,000,154
HALLIBURTON ENERGY SERVICES, INC. 3,000,160
HALLIBURTON ENERGY SERVICES, INC. 3,000,347
HALUSHKA, MAKSYM 3,000,038
HAMID, AHMED M. 3,000,341
HAMMERSCHMIDT, JORG 2,999,604
HAMMOND, COLIN 3,000,275
HAN, CHAN 3,000,216
HANCOCK, CHRISTOPHER 2,999,943
HANESSIAN, STEPHEN 2,999,177
HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD 3,000,271
HANKLAND, JOEL S. 3,000,394
HANNAS-DJEBBARA, ZAHIA 3,000,352
HARASZTI, REKA 2,995,110
HARE, ARTHUR WILLIAM 2,999,657
HARMON, CYRUS L. 3,000,410
HARPOON MEDICAL, INC. 2,999,513
HARRIS, CHAD TYLER 2,999,804
HARRIS, SCOTT RAYMOND 2,999,867
HARRISON, LEE ANDREW 2,999,379
HARSCO TECHNOLOGIES LLC 3,000,157
HARSCO TECHNOLOGIES LLC 3,000,173
HARSCO TECHNOLOGIES LLC 3,000,227
HARSTROM, PAR 3,000,446
HART, CREIGHTON 3,000,453
HARTMAN, GEORGE D. 3,000,197
HARTTIG, HERBERT 2,999,941
HARTTIG, HERBERT 3,000,056
HARTWIG, KERSTIN 2,999,675
HARVEY, THOMAS J. 2,999,987
HARVEY, TOBY J. 2,999,987
HASAN, ABID 2,999,769
HASELEU, ANDREA 2,999,768
HASELEU, ANDREA 2,999,791
HASELMEIER AG 2,999,386
HASELMEIER AG 3,000,278
HASELMEIER AG 3,000,280
HASHI, MOHAMED 2,999,758
HASHIMOTO, HISASHI 3,000,015
HASHIMOTO, TADASHI 3,000,015
HASSLER, MATTHEW 2,995,110
HAYHOW, THOMAS GEORGE CHRISTOPHER 2,999,379
HAYIK, ISAAK 2,999,958
HAYMAN, PAUL ROY 3,000,069
HAYMAN, RICHARD JAMES 3,000,069
HAYS, JAMES K. 3,000,229
HAZAN, ZADIK 2,999,820
HAZAN, ZADIK 2,999,822
HE, QUANYUAN 2,999,890
HEALX LIMITED 3,000,070
HEARN, PAUL 2,999,542
HEART TEST LABORATORIES, INC. 3,000,369
HECKMAN, STAN 2,999,884
HEDBERG, BRADLEY JOHN 3,000,242

HEE SOLAR, L.L.C. 2,999,939
HELPERBY THERAPEUTICS LIMITED 2,999,720
HEMMESMANN, ANDRE 3,000,269
HEMMESMANN, ANDRE 3,000,273
HEMMESMANN, ANDRE 3,000,276
HENDERSON, MICHAEL LORENZO 3,000,348
HENDRICKSON USA, L.L.C. 3,000,358
HENKEL AG & CO. KGAA 3,000,039
HENKEL AG & CO. KGAA 3,000,051
HENNEPIN LIFE SCIENCES, LLC 3,000,213
HENRY, DAVID 3,000,184
HENRY, MANUEL 3,000,063
HEPLER, DANIEL LOREN 2,999,620
HEPLER, DANIEL LOREN 2,999,626
HEPWORTH, RICHARD 2,999,688
HERBERT, SIMON ANTHONY 2,999,931
HERKOVIC, JOSEPH, E. 2,999,767
HERMANN, AYNUR 3,000,209
HERNAEZ, DIANA CANALS 3,000,242
HERNANDEZ, AMANDA 2,999,992
HERRMANN, DIRK 2,999,609
HERTZOG, BENJAMIN A. 2,999,986
HETTIARACHCHIGE, INOKA KUMARI 2,999,780
HEURING, JASON J. 2,999,986
HIBBERD, MATTHEW 3,000,008
HICKLIN, DANIEL 3,000,404
HIGIRO, JUVENAL 2,999,767
HILLER, GREGORY WALTER 2,999,224
HILLIARD, COURTNEY D. 2,999,873
HILTERBRAN, RYAN 2,999,783
HILTI AKTIENGESELLSCHAFT 2,999,618
HILZ, MARK 3,000,369
HIRAHARA, KAZUKI 2,999,819
HIRAMATSU, MACHIKO 2,999,962
HIRASAWA, YASUTAKA 2,999,671
HIROSE, HIDENORI 3,000,116
HIRSCHBERG, ALEXANDER BENJAMIN 2,999,875
HIRSCHEY, JOHN 2,999,181
HISADA, SHOJI 2,999,852
HIVELY, COREY 2,999,754
HO, HSIN-TIEN 2,999,368
HOAG, GEORGE EDWARD 3,000,398
HOANG, NU 2,999,766
HOCHLAND SE 2,999,609
HOCKMAN, DARREN 3,000,313
HODGES, GEOFFREY R. 3,000,394
HOEFLICH, JOSEPH 3,000,033
HOFFMEISTER, LAURA 2,999,790
HOG, DANIEL 2,999,931
HOKANSON, JAMES A. 3,000,230
HOLLERBACH, ADAM 2,999,918
HOLLISTER INCORPORATED 2,999,856
HOLMAN, BRIAN 2,999,995
HONDA, GO 3,000,123
HONORE, STEPHANE 2,999,673
HOPPIN, JOHN WILLIAM 2,999,873
HORAN, GERALD SCOTT BARDEN 3,000,195
HORAN, KEVIN 2,999,995
HORSCH MASCHINEN GMBH 3,000,028
HORSLEY, HELEN TRACEY 2,999,929
HORST, MARTIN 3,000,300
HOSPICES CIVILS DE LYON 2,999,796
HOUGHTON, MICHAEL 3,000,313
HOUMB, SIV HILDE 2,999,377
HOWARD, PHILLIP J. 3,000,425
HOWARD, SIV K. 2,999,849
HOWE, STEPHEN ROLAND 3,000,168
HOWELL, JOSEPH 3,000,008
HRISTOPOULOS, TIFFANY 2,999,953
HSIONG, CHENG-HUEI 2,999,368
HSU, CHIA-HUA 2,999,768
HSU, CHIA-HUA 2,999,791
HTG MOLECULAR DIAGNOSTICS, INC. 3,000,405
HU, ENCHENG ANTHONY 2,999,906
HU, OLIVER YOA-PU 2,999,368
HU, TIANHAN 3,000,040
HU, WENHUI 2,999,912
HU, YAN 3,000,306
HU, YANMIN 2,999,720
HUA, TIAN 2,999,851
HUANG, HONGDA 3,000,275
HUANG, LEAF 2,999,756
HUANG, LONG 2,999,589
HUANG, WENYI 2,999,748
HUANG, WENYI 2,999,753
HUANG, WENYI 2,999,845
HUAWEI TECHNOLOGIES CO., LTD. 2,999,587
HUAWEI TECHNOLOGIES CO., LTD. 2,999,789
HUAWEI TECHNOLOGIES CO., LTD. 2,999,824
HUAWEI TECHNOLOGIES CO., LTD. 2,999,826
HUAWEI TECHNOLOGIES CO., LTD. 2,999,848
HUAWEI TECHNOLOGIES CO., LTD. 2,999,872
HUAWEI TECHNOLOGIES CO., LTD. 3,000,042
HUBERT, CASEY 2,999,599
HUCHLER, GUENTHER 3,000,063
HUDECEK, MICHAEL 2,999,608
HUDSON INSTITUTE OF MEDICAL RESEARCH 3,000,029
HUFEN, RALF 2,999,680
HUGENTOBLER, RETO 3,000,055
HUGHES, MICHAEL R. 3,000,242
HUNTSMAN P&A UK LIMITED 3,000,303
HURT, ELAINE M 3,000,285
HYDROCARBON TECHNOLOGY & INNOVATION, LLC 2,999,460
HYDROGENICS CORPORATION 3,000,151
HYMO CORPORATION 3,000,123
IANNACONE, STEFANIE 2,999,526
IANNCE, STEPHAN 2,999,855
IANNCE, STEPHAN P. 2,999,877
IANNCE, STEPHAN P. 2,999,879
IANNCE, STEPHAN P. 2,999,893
IANNCE, STEPHAN P. 2,999,896
IANNCE, STEPHAN P. 2,999,899
IASSO, DANIEL S. 3,000,218
IBACH, ALEXANDER 3,000,297
IBIQUITY DIGITAL CORPORATION 2,999,749
IBRAHIM, YEHIA M. 3,000,341
IIGAYA, MASAYUKI 2,999,967
IIJIMA, KAZUKI 2,999,813
IKEGAYA, MORIHIKO 3,000,318
IKONIN, SERGEY YURIEVICH 2,999,824
IKONIN, SERGEY YURIEVICH 2,999,826
IKONIN, SERGEY YURIEVICH 2,999,848
IKONIN, SERGEY YURIEVICH 2,999,872
ILG, KERSTIN 2,999,790
ILLINOIS TOOL WORKS INC. 3,000,094
INAERIS TECHNOLOGIES, LLC 2,999,979
INAERIS TECHNOLOGIES, LLC 2,999,983
INERO AB 2,999,926
INGRAM, THOMAS 3,000,037
INGRAM, THOMAS 3,000,274
INGRAM, THOMAS 3,000,284
INGRAM, THOMAS 3,000,286
INIS BIOTECH LLC 2,999,843
INNOBLATIVE DESIGNS, INC. 3,000,013
INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX 2,999,827
INSTITUT NATIONAL D'OPTIQUE 3,000,000
INSTITUT NATIONAL DE LA SANT ET DE LA RECHERCHE MEDICALE (INSERM) 2,999,617
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,000,058
INTERNATIONAL BIOPHYSICS CORPORATION 2,999,959
INTERNATIONAL PAPER COMPANY 3,000,380
INVENTIO AG 3,000,055
IOFFE, ELLA 3,000,209
ION GEOPHYSICAL CORPORATION 2,999,760
IRIYA, TATSUAKI 3,000,319
IRWIN, MICHAEL D. 2,999,939
ISAAC, CHRISTOPHER BRIAN 3,000,199
ISCAR LTD. 3,000,107
ISHII, HIROYUKI 2,999,682
ISMAIL, AYMAN 2,994,547
ISRAEL AEROSPACE INDUSTRIES LTD. 2,999,677
ISTED, MATTHEW JAMES 3,000,085
ITOH, MIKITAKA 2,999,682

ITOOKA, RYO 2,999,982
IVICS, ZOLTAN 2,999,608
IWAMOTO, NAOKI 2,999,772
IWEAR HOLDINGS CORP. 2,999,875
JACKS, TYLER E. 2,999,916
JACKSON, TRENTON F. 2,999,481
JACOB, CHRISTOPHE 2,999,721
JACOB, CHRISTOPHE 2,999,722
JACOB, CHRISTOPHE 2,999,726
JACOBSSON, KENT 3,000,173
JACOBY, THOMAS 3,000,067
JAEGER, ERIC MATTHEW 2,999,913
JAEGER, THOMAS 2,999,968
JAFARI TADI, MOJTABA 2,999,642
JAFFE, PAUL 2,999,508
JAFFE, PAUL 2,999,510
JAFFE, PAUL 2,999,524
JAGGA, ARUN VICTOR 2,999,954
JAIN, ABHISHEK SUBHASHKUMAR 3,000,200
JAMART, JULIETTE 2,999,950
JAMISON, DALE E. 3,000,154
JANKOWSKI, JAKUB 2,999,952
JANSMA, MATTHEW J. 3,000,198
JANSSEN BIOTECH, INC. 3,000,396
JANSSEN BIOTECH, INC. 3,000,400
JANSSEN PHARMACEUTICA NV 2,999,818
JANUSZ, MICHAEL JOHN 2,995,393
JAPAN TOBACCO INC. 3,000,319
JARVINEN, PETTERI 2,999,798
JAYALAKSHMI, RAJARAMAN 2,999,851
JAYAWARDENA, ADIKARAMGE ASIRI 2,999,855
JEFFRYES, BENJAMIN PETER 2,999,786
JEUKENDRUP, ASKER 2,999,876
JEYAPAUL, JAGANATHAN 2,999,775
JIA, JIANJING 2,999,589
JIANGSU HENGRUI MEDICINE CO., LTD. 3,000,040
JOG, PRASANNA K. 3,000,180
JOHNS, ADAM M. 2,999,864
JOHNS, CHRISTOPHER J. 2,999,894
JOHNS, TROY 2,999,522
JOHNSON & JOHNSON CONSUMER INC. 2,999,992
JOHNSON, ASHLEY BERNARD 2,999,786
JOHNSON, CHRISTOPHER S. 2,999,759
JOHNSON, RICHARD L. 2,999,860
JOHNSON, RICHARD L. 2,999,861
JOHNSON, SONYA 2,999,921
JOHNSTON, WILLIAM 2,999,842
JONES, ANTHONY G 3,000,303
JONIN, KUNIO 2,999,980
JOOS, NATHANIEL IAN 3,000,151
JOSHI, KINJALBAHEN 2,999,847
JOSSET, LAURENCE 2,999,796
JOUSSEAUME, THIERRY FRANCOIS ALAIN JEAN 2,999,818
JOYCE, STEPHEN 2,999,978
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 2,999,608
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,000,290
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,000,292
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,000,293
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,999,835
KADAUKE, THOMAS 3,000,038
KAGOSHIMA, YOSHIKO 2,999,982
KAIP PTY LIMITED 3,000,238
KAKEN PHARMACEUTICAL CO., LTD. 3,000,124
KALEYTA, SCOTT R. 3,000,224
KALMYKOVA, ANNA IVANOVNA 2,999,846
KAMINSKI, CHRISTOPHER 2,999,770
KANG, DAE HYUCK 3,000,087
KANNER, STEVEN 3,000,397
KAPLAN, DAVID R. 3,000,117
KARATHANASIS, SOTIRIOS 3,000,285
KARCZEWICZ, MARTA 3,000,373
KARCZEWICZ, MARTA 3,000,391
KASAI, KEISUKE 2,999,682
KASHIV PHARMA, LLC 3,000,418
KASPER, MICHAEL 2,999,825
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D 2,999,929
KATZ, TORSTEN 3,000,037
KATZ, TORSTEN 3,000,274
KATZE, MICHAEL 2,999,796
KAUFMANN, TIM 2,999,986
KAUSCH-BUSIES, NINA 2,999,790
KAVANAUGH, ARTHUR 3,000,192
KAZANSKIY, YURIY ALEKSEEVICH 2,999,859
KEARNS, BARBARA J. 2,999,856
KEEN, ALAN 2,999,802
KEEN, ALAN 2,999,831
KEEN, ALAN 2,999,833
KEILHACK, HEIKE 2,999,898
KEITEL, JOACHIM 2,999,386
KEITEL, JOACHIM 3,000,278
KEITEL, JOACHIM 3,000,280
KELLIHER, TIMOTHY JOSEPH 3,000,018
KELLOGG, SCOTT 2,999,988
KELLY-GREENE, DARCY 3,000,219
KELTS, A. DAVID 3,000,403
KEMPKER, JENNIFER ANNE 3,000,201
KENDALL, MARK ANTHONY FERNANCE 2,999,538
KENT, ANDREW JOHN 3,000,085
KENYON, NATHANIEL KIRK 2,999,889
KERRES, NINA 3,000,063
KERRIGAN, DANIEL 2,999,770
KESHAV, VIDYA 2,999,956
KESPRY INC. 3,000,092
KEYGENE N.V. 3,000,131
KEYGENE N.V. 3,000,133
KHABASHESKU, VALERY N. 2,999,991
KHADOUR, AGHIAD 2,999,827
KHALILI, KAMEL 2,999,912
KHAN, OMAR F. 2,999,916
KHANDRIKA, KRISHNA MOHAN NAGA VENKATA 2,999,512
KHERA, MANOJ KUMAR 2,999,982
KHERADPIR, LEILA 2,999,952
KHVOROVA, ANASTASIA 2,995,110
KIELY, BARRY 2,995,393
KIEVITS, PETER 2,999,598
KIM, CHANG YOUNG 3,000,092
KIM, DAEIK DANIEL 2,999,507
KIM, JONGHAE 2,999,507
KIM, MIN JUNG 3,000,087
KIM, PAUL 3,000,396
KIM, PAUL 3,000,400
KIM, SUNG MIN 3,000,087
KIM, YONG ZU 3,000,087
KIMREY, HAROLD DAIL, JR. 2,999,180
KIMREY, HAROLD DAIL, JR. 2,999,181
KING, ALEXANDER COLEMAN 3,000,456
KING, STEPHEN 2,999,542
KIRK, PETER 3,000,211
KIRSCH, JOHN D. 3,000,186
KISLIN, ALEX ALBERT 3,000,172
KISSEL, DAVID J. 2,999,997
KITAHARA, JUN 2,999,701
KITAZATO, NAOHISA 2,999,701
KLEIN, JENS 3,000,065
KLEIN, THEODORE MITCHELL 2,999,971
KLUGE, ARTHUR 3,000,431
KMIEC, CHESTER J. 2,999,748
KMIEC, CHESTER J. 2,999,753
KMIEC, CHESTER J. 2,999,845
KNAIAN, ARA N. 2,999,873
KNAUZ, DAVID A. 2,999,856
KNIERIM, GLENN AULD 2,999,506
KOCHER-PLASTIK MASCHINENBAU GMBH 3,000,023
KODAM, MADHUSUDHAN 3,000,177
KODIAK NETWORKS, INC. 3,000,200
KODIAK NETWORKS, INC. 3,000,202
KOEYER, MARIA 2,999,634
KOFINK, CHRISTIANE 3,000,063
KOHLSTRUNG, RAINER 3,000,039
KOHLSTRUNG, RAINER 3,000,051
KOHN, ARNIM 2,999,853
KOIKE, TOMOYUKI 2,999,812
KOISHI, AKIFUMI 2,999,812
KOIVISTO, TERO 2,999,642
KOLBE, WALTER R. 2,999,878
KOMIYAMA, MASAKAZU 3,000,129
KONDIAH, KULSUM 2,999,956
KONDO, YUHI 2,999,671
KONDOH, TAKAYUKI 2,999,962
KONOSU, TOSHIYUKI 2,999,982
KOOEE! SUPER SNACKS, INC. 2,999,590
KORSUMAKI, MIKA 2,999,798
KORTHAUER, MARCUS 3,000,287
KOSAKA, NORIO 2,999,955
KOSAKA, NORIO 2,999,961

KOSAKA, NORIO 3,000,110
KOSHNICK, NICK 2,999,865
KOTANI, SAORI 3,000,327
KOTSCHY, ANDRAS 2,999,935
KOTSCHY, ANDRAS 2,999,937
KOTY, RAMCHANDRA JAYATEERTH 2,999,775
KOVACS, MARK 2,999,876
KOVSCEK, MARK 3,000,003
KOYAMA, ATSUNORI 2,999,834
KOZAK, ERIC JAN 2,999,353
KOZAR, AARON T. 2,999,841
KRAMER, KEVIN 2,999,894
KREMMEL, DANIEL 3,000,282
KRETZ-ROMMEL, ANKE 3,000,167
KRILL, CHRISTIAN 2,999,782
KRUBSACK, DAVID 3,000,369
KUANG, JIN-QIANG 2,999,909
KUBE, OLIVER 3,000,056
KUCINSKI, CHRISTOPHER 2,999,882
KUHN, JOHN 3,000,392
KULKARNI, RASHMI 2,999,773
KULKARNI, RASHMI 3,000,011
KULMAN, JOHN 2,994,547
KUMAR, ASHUTOSH 3,000,067
KUMAR, TUSHAR 2,999,755
KUMAR, TUSHAR 2,999,976
KUMARAN, RAVEEN 2,999,353
KUNDING, ANDREAS HJARNE 2,999,795
KURACHENKO, YURIY ALEKSANDROVICH 2,999,859
KUSHNER, PETER J. 3,000,410
KWON, HYUN JIN 3,000,087
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 3,000,004
LABORATORIOS DEL DR. ESTEVE, S.A. 2,999,924
LABORATORIOS DEL DR. ESTEVE, S.A. 2,999,925
LABORATORIOS DEL DR. ESTEVE, S.A. 2,999,940
LACARRIERE, VALERIE CLAUDINE 3,000,184
LAFLEUR, BONNIE 3,000,405
LAFON, CYRIL 3,000,058
LAGERWEIJ, HENDRIK LAMBERTUS 2,999,938
LAGERWEY WIND B.V. 2,999,938
LAGU, BHARAT 3,000,431
LAI, KWONG WAH 2,999,769
LAKATOS, DREW 2,999,914
LAM THERAPEUTICS, INC. 2,999,965
LAMOTHE, BRIAN 2,999,471
LANCASTER, PATRICK R., III 2,999,860
LANCASTER, PATRICK R., III 2,999,861
LANCELOT, JEAN-FRANCOIS 2,999,830
LANDES, TONY 2,999,989
LANDMARK GRAPHICS CORPORATION 2,999,963
LANE, HEIDI 2,999,673
LANG, WILLIAM 2,999,989
LANGDALE, CHRISTOPHER L. 3,000,230
LANGER, ROBERT S. 2,999,916
LANGEVIN, STANLEY 2,999,796
LANTECH.COM, LLC 2,999,860
LANTECH.COM, LLC 2,999,861
LARSEN, CHRIS 3,000,157
LASKA, MAGDALENA JANINA 2,999,792
LASSNER, MICHAEL 2,999,903
LASSNER, MICHAEL 2,999,971
LATKOWSKI, JEFFERY F. 2,999,894
LAU, ARTHUR WING SZE 2,999,800
LAW, JOHN L. 3,000,313
LAWHON, DUSTIN 3,000,223
LE POLLES, SEBASTIEN ALAIN 3,000,294
LE, JUSTICE THAO 2,999,783
LEBEDEV, LARION ALEKSANDROVICH 2,999,859
LEDGERWOOD, ADAM DOUGLAS 2,999,893
LEDOUX, FRANCOIS 3,000,393
LEFEBVRE, GUY 2,999,603
LEGOCHEM BIOSCIENCES, INC. 3,000,087
LEHR, STEFAN 2,999,853
LEI, JING 3,000,345
LEI, YONGHUA 3,000,040
LEICA BIOSYSTEMS IMAGING, INC. 3,000,053
LEICHTI, ROBERT J. 3,000,193
LERCH, ANNE 2,999,909
LES LABORATOIRES SERVIER 2,999,935
LES LABORATOIRES SERVIER 2,999,937
LEUSNER, STEVE 2,999,880
LEVCHENKO, ALEKSANDR VALEREVICH 2,999,859
LEVCHENKO, VALERIY ALEKSEEVICH 2,999,859
LEWIS, DAVID L. 3,000,397
LEWIS, J. CHRISTOPHER 2,999,979
LEWIS, J. CHRISTOPHER 2,999,983
LEWIS, RICKY L. 2,999,759
LI, ALFRED C. 2,999,966
LI, JIAN 3,000,032
LI, JIANGUO 2,999,589
LI, LIWEI 3,000,174
LI, XIANG 3,000,391
LI, YI 3,000,238
LI, ZAIXING 2,999,794
LI, ZHEN 3,000,397
LIAN, CHENLONG 3,000,239
LIANG, LINDA 2,995,502
LICHENSTEIN, HENRI 2,999,965
LICHT, JAMES 2,999,471
LIEBHERR-TRANSPORTATION SYSTEMS GMBH & CO. KG 3,000,282
LIENAU, PHILIP 2,999,931
LIGHT, DAVID R. 2,994,547
LIGOCKI, TERRY J. 2,999,883
LILLICO, SIMON GEOFFREY 3,000,304
LILLIE, BRIAN J. 2,999,775
LIMACHER, JEAN-MARC 2,999,948
LIMITED LIABILITY COMPANY "HORIZONTY ROSTA" 3,000,148
LIMLAW, ROBERT 3,000,218
LIN, CHIA-YANG 3,000,386
LIN, JIN-JIE 3,000,193
LIN, SHENGRONG 2,999,902
LINA, BRUNO 2,999,796
LINDAL FRANCE SAS 3,000,066
LINDBERG, BJARNE 3,000,055
LINDBLAD, SHAUN CHRISTOPHER 2,999,757
LINDELL, STEPHEN DAVID 2,999,853
LINDNER, STEFAN 3,000,299
LINDON, MATTHEW J. 2,999,379
LINDSAY, SEAN T. 3,000,358
LINDVALL, MIKA 2,999,794
LINKJENDAL, TOBIAS 3,000,135
LINTOTT, ANDREW 2,999,876
LISS, AUDREY B. 3,000,180
LIU, BING 2,999,588
LIU, CHONGLIN 2,999,884
LIU, HAO 3,000,106
LIU, JUNQIANG 3,000,216
LIU, QIAN 3,000,405
LIU, QIANGQIANG 2,999,589
LIU, RIHE 2,999,756
LIU, TONGYAO 2,994,547
LIU, YANG 2,999,589
LIU, ZHI 3,000,186
LIU, ZHIGUO 2,999,769
LIU, ZHIQIAN 2,994,547
LLAURO, JUAN 3,000,425
LO, PHAM 3,000,424
LOBERG, BARRIE A. 3,000,008
LOCATOR IP, LP 3,000,036
LOGAN, JAMES GEORGE 3,000,305
LOGAN, MICHAEL 3,000,313
LOGANATHAN, RAJAPRABHU THIRUCHI 3,000,161
LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE 3,000,305
LOUREIRO, PEDRO EMANUEL GARCIA 3,000,298
LOVELACE, JEROME 2,999,939
LU, GENLIANG 2,999,772
LU, JIAN 2,999,903
LU, TIMOTHY KUAN-TA 3,000,395
LU, ZHENMING 2,999,588
LUBY, RYAN 2,999,471
LUCAS, MORRISON R. 3,000,364
LUCASSEN, ANDRE C. B. 2,999,820
LUCASSEN, ANDRE C. B. 2,999,822
LUCCHI, MARCO 2,999,854
LUCKING, ULRICH 2,999,931
LUECKE, JOHN W. 3,000,405
LUNA-FLORES, CARLOS H. 3,000,089
LUND, HENRIK 3,000,298
LUNDBERG, ANTE SVEN 2,999,649

LUNDH, ROBERT 2,999,978
LUNG, DAVID C. 3,000,006
LUNG, DAVID C. 3,000,007
LUSHNIKOV, SERGEI VALERIEVICH 2,999,846
LYU, YONGXIA 2,999,587
M-TECHX. INC. 3,000,318
M.M.A. DESIGN, LLC 2,999,987
MA, DAWEI 2,999,785
MA, JUN 2,999,905
MA, LIANGKAI 3,000,222
MA, SHA 2,999,587
MACDONALD, KATHERINE GRACE 3,000,242
MACE, JEAN REYNALD 2,988,358
MACHEREL, PHILIPPE 3,000,006
MACHEREL, PHILIPPE 3,000,007
MADDEN, JAMES 2,999,929
MAESTRI, MAURO 2,985,230
MAGINATION AS 3,000,135
MAGOTTEAUX INTERNATIONAL S.A. 3,000,047
MAHLER, MARIE-LUISE 2,999,609
MAHMOUDI, SEYED REZA 3,000,181
MAHONEN, JOONAS 2,999,798
MAISTE, PAUL 3,000,003
MAITRA, PRITHWIRAJ 2,999,992
MAJUMDAR, AMITABHA 3,000,296
MAKOVICKA, TOM 3,000,003
MAKUTONIN, BORIS 2,999,974
MALIK, OSMAN S. 2,999,363
MALLIGAN, NATALIE 2,999,590
MALLIGAN, SHAUN 2,999,590
MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED 3,000,210
MALTEN, MARCO 2,999,534
MAM BABYARTIKEL GESELLSCHAFT M.B.H. 2,999,536
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ROSSITER, EDUARDO 3,000,068
ROTHAMSTED RESEARCH LTD 3,000,305
ROTHBERG, JONATHAN M. 2,999,965
ROTHER, MATTHIAS 2,999,609
ROWE, JERRY JUSTIN 2,999,844
ROWLEY, JULIAN HUGH 2,999,929
ROY, RENE 3,000,201
ROZEMA, DAVID B. 3,000,397
RUBINSHTEYN, ANDREW 3,000,172
RUDIHAGEN, JUUL ARTHUR RIBE 3,000,135
RUETER, MICHAEL A. 2,999,460
RUIZ RODRIGUEZ, JUAN-MIGUEL 2,999,706
RUIZ, IVAN RAMOS 2,999,857
RUSCONI CLERICI, ANDREA 3,000,054
RUSSELL, BELL 3,000,308
RUSSOTTI, GREGORY 3,000,390
RUST, STEVEN 3,000,285
RUTKIEWICZ, BRIAN 2,999,989
RUTZ, ANDREAS 3,000,295
RYAN, EDWIN 2,999,874
RYAN, KEANEN 2,999,878
RYDLAND, CARL J. 2,999,984
SADATOMI, YOSHITAKA 2,999,834
SAFARIK, STEPHEN THOMAS 2,999,867
SAFINA, BRIAN 2,999,769
SAFRAN TRANSMISSION SYSTEMS 3,000,090
SAID, AMIR 3,000,373
SAIIDI, MEHDI 3,000,204
SAINT-GOBAIN ABRASIFS 2,999,989
SAINT-GOBAIN ABRASIVES, INC. 2,999,989
SAINT-GOBAIN GLASS FRANCE 2,999,950
SAINT-GOBAIN PERFORMANCE PLASTICS RENCOL LIMITED 2,999,371
SAKAHARA, ROGERIO MASSANORI 2,999,787
SALAMONSEN, LOIS ADRIENNE 3,000,029
SALIGRAMA, KIRAN 3,000,053
SALO, DANIEL 2,999,598
SAMAJDAR, SUSANTA 3,000,431
SAMOILOVA, YULIYA GENNADEVNA 2,999,846
SAMUDIO, ISMAEL 3,000,242
SAMUEL, ROBELLO 2,999,963
SAMUELSSON, LEIF JONAS 2,999,271
SANCHEZ GOMEZ, SANTIAGO 3,000,064
SANDERCOCK, ALAN 3,000,285
SANDOVAL, FERMIN A. 3,000,174
SANDVIK INTELLECTUAL PROPERTY AB 3,000,019
SAREDI, GIULIA 3,000,275
SASSO, ERIC 3,000,192
SATOH, KAZUKI 2,999,819
SATTERFIELD, LARRY 3,000,006
SATTERFIELD, LARRY 3,000,007
SATTIGERI, JITENDRA A. 2,999,982
SATYANARAYANA, ARVAPALLI VENKATA 2,999,852
SAWBRIDGE, TIMOTHY IVOR 2,999,780
SAWBRIDGE, TIMOTHY IVOR 2,999,782
SCA HYGIENE PRODUCTS AB 3,000,144
SCHAFER, OLIVIER 3,000,288
SCHAFER, TINA 3,000,292
SCHAFER, TINA 3,000,293
SCHARMANN, DAVID 3,000,269
SCHARMANN, DAVID 3,000,276
SCHEIBEL, THOMAS 3,000,065
SCHLIEVERT, PATRICK M. 3,000,213
SCHLOTTIG, FALKO 3,000,300
SCHLUMBERGER CANADA LIMITED 2,999,786
SCHMALBUCH, KLAUS 2,999,950
SCHMIDT, KARL F. 2,999,873
SCHMIDT, SABINE 2,999,675
SCHNAIT, HEINZ 2,999,675
SCHNEIDER, ROLAND 2,999,618
SCHNELL, STEFAN 3,000,317
SCHOENHENTZ, MARC 2,999,794
SCHOLZ, ARNE 2,999,931
SCHOOF, ALEXANDER E. 2,999,770
SCHOON, DAVID 2,999,914
SCHROEDER, CHAD J. 2,999,892
SCHUELLER, OLIVIER 3,000,152
SCHULTE, JOHANNES 3,000,266
SCHULZ, PETER J. 3,000,224
SCHUTTER, DEBORAH A. 3,000,220
SCHWARTZ, EVAN 2,999,806
SCULLY, MICHAEL 3,000,396
SEAL, JONATHAN THOMAS 2,999,379
SEAWELL, JESSE Q. 2,999,915
SECURE-NOK AS 2,999,377
SEED CO., LTD. 2,999,980
SEGERINK, LOES IRENE 2,999,683
SEGURA, MARIELA 3,000,201
SEIDEL, ANDREAS 2,999,680
SEIDEL-DUGAN, CYNTHIA 3,000,404
SELIGER, CHRISTIAN 2,999,675
SELLE, BEVERLY 3,000,220
SELLE, MARTINA 3,000,293
SELMA DIAGNOSTICS APS 2,999,795
SEMEN REFINEMENT B.V. 2,999,683
SENAIAR, RAMESH 3,000,431
SENATRO, RICHARD P. 2,999,993
SENGER, DONNAL LORRAINE 2,999,800
SENYURT, ASKIM 2,999,953
SERENE, LLC 2,999,975
SERPI, VALERIA 2,985,230
SERPI, VALERIA 2,999,817

SETHURAMAN, VIJAY 2,999,794
SHAH, KISHAN HITESH 2,999,952
SHAH, NAVNIT H. 3,000,418
SHAH, UMESH 3,000,191
SHAPPELL, MIKE D. 2,999,989
SHARMA, RAVI 2,999,849
SHAW, DON F. 3,000,174
SHAW, DON F. 3,000,177
SHAW, STEVEN ROBERT 2,999,999
SHAW, STEVEN ROBERT 3,000,002
SHEERIN, ROBERT J. 2,999,526
SHELDON, GLORIA 2,999,921
SHEN, FANG 2,999,944
SHEN, HONG 2,999,944
SHEYNBLAT, LEONID 2,999,773
SHEYNBLAT, LEONID 3,000,011
SHI, LIPING 2,999,944
SHI, XUEFENG 2,999,960
SHIAO, TZE CHICH 3,000,201
SHIELS, ALFRED LAWRENCE 2,999,508
SHIELS, ALFRED LAWRENCE 2,999,510
SHIELS, ALFRED LAWRENCE 2,999,524
SHIH, TUNG-YUAN 2,999,368
SHIMIZU, YOUJI 2,999,962
SHISHIDO, MASAYUKI 2,999,955
SHISHIDO, MASAYUKI 3,000,110
SHOCKLEY, HAROLD DAVID, JR. 2,999,959
SHUMSKII, VYACHESLAV VALERYANOVICH 2,999,846
SIDHU, NAVJOT 2,999,754
SIEDER, GEORG 3,000,037
SIEDER, GEORG 3,000,274
SIEDER, GEORG 3,000,284
SIEDER, GEORG 3,000,286
SIEHL, DANIEL 2,999,903
SIEMEISTER, GERHARD 2,999,931
SIEMENS AKTIENGESELLSCHAFT 2,999,825
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,999,995
SIEMENS INDUSTRY, INC. 3,000,218
SIEMENS INDUSTRY, INC. 3,000,350
SIEMENS INDUSTRY, INC. 3,000,354
SIEMENS MEDICAL SOLUTIONS USA, INC. 3,000,086
SIKORA, SASCHA 2,999,634
SILVERMAN, BRETT M. 2,999,460
SILVERSTEIN, ANDREW H. 2,999,777
SIMMENDINGER, STEFAN 2,999,854
SIMMONS, GREGORY JAMES 3,000,086
SIMMONS, ROBERT LOWELL 2,999,794
SIMON, JAIME 2,999,975
SIMPSON STRONG-TIE COMPANY, INC. 3,000,193
SINEW PHARMA INC. 2,999,368
SINGH, GULSHAN 2,999,968
SINGHATAT, WAMIS 2,999,914
SINGLETON, MARK JAMES 2,999,942
SIPOS, MELINDA 2,999,935
SIVIK, MARK ROBERT 3,000,226
SKELLY, WILLIAM N. 2,999,765
SKIBBE, DAVID STEWART 3,000,018
SLATER, ROBIN 2,999,842
SLAVIN, ALISON JANE 3,000,005
SLAVIN, ALISON JANE 3,000,035
SLEPIAN, ROBERT M. 2,999,841
SLOOP, CHRISTOPHER DALE 2,999,884
SLOTTA, UTE 3,000,065
SMAJDA, KENNETH J. 2,999,840
SMART FLOWER ENERGY TECHNOLOGY GMBH 2,999,927
SMARTTRUCK SYSTEMS, LLC 3,000,348
SMITH, ANDRESSA 3,000,400
SMITH, DANIEL P. 2,999,988
SMITH, KRISTEN MICHELLE 3,000,117
SMITH, LEE 2,999,460
SMITH, RICHARD D. 3,000,341
SMITH, RYAN 3,000,188
SOHRABI, SARA 3,000,041
SOLOMON, WILLIAM 3,000,229
SOLUTEX NA, LCC 3,000,103
SONDERGAARD HANSEN, THOMAS 2,999,598
SONEDA, TSUYOSHI 2,999,982
SONG, WEIXIN D. 2,999,966
SONIFI SOLUTIONS, INC. 2,999,892
SONNEK, RAFAEL 2,999,598
SONY CORPORATION 2,999,671
SONY CORPORATION 2,999,684
SONY CORPORATION 2,999,689
SONY CORPORATION 2,999,697
SONY CORPORATION 2,999,701
SORRENTINO, STEFANO 2,999,699
SORVOJA, RAINE 2,999,598
SOTA, HIROYOSHI 3,000,318
SPAGNOLI, ROBERT ANTHONY 3,000,199
SPALLEK, MICHAEL 3,000,023
SPANGENBERG, GERMAN CARLOS 2,999,780
SPANGENBERG, GERMAN CARLOS 2,999,782
SPECTRUM BRANDS, INC. 3,000,453
SPETZLER, DAVID 2,999,890
SPIEKER, MARK 2,999,506
SPOMER, NEIL A. 3,000,425
SPRENKELS, ADRIANUS JOSEPH 2,999,683
SPRING, ROBERT 2,999,618
SRIVASTAVA, VIVEK 2,999,534
STAID, KEVIN 2,999,908
STAINSBY, JEFF ALAN 2,999,804
STAMM, SHANE E. 2,999,987
STANNUS, SIMON FRANCIS 3,000,008
STAR SYSTEMS INTERNATIONAL, LTD. 3,000,311
STARR, DAKOTA 3,000,018
STATOIL PETROLEUM AS 3,000,142
STAUDT, ALEX 2,999,988
STAWSKI, BARBARA Z. 2,999,791
STEALTH HARDWARE SOLUTIONS, INC. 3,000,378
STEARNS, JAMIE GENE 2,999,590
STEELE, JOHN H. 3,000,364
STEGMANN, CHRISTIAN 2,999,931
STEINMETZ, LARS 3,000,010
STELLA, JOSHA 2,999,770
STELLA, RITA 3,000,067
STENGAARD-PEDERSEN, KRISTIAN 2,999,792
STEPHAN, PETER 3,000,297
STEPIN, VICTOR ALEXEEVICH 2,999,824
STEPIN, VICTOR ALEXEEVICH 2,999,826
STEPIN, VICTOR ALEXEEVICH 2,999,848
STEPIN, VICTOR ALEXEEVICH 2,999,872
STERNLIGHT, DAVID 2,999,783
STEVENS, JEFF 3,000,392
STEVENS, ROBERT EDWARD 3,000,067
STEVENSON, NIGEL R. 2,999,975
STEVIS, PANAYIOTIS 3,000,215
STEWART, PETER GRAHAM 2,999,760
STICKELS, EMILY 2,999,884
STICKELS, SCOTT 2,999,884
STOCKER, MARIELE KAIPERS 2,999,787
STOGER, ELMAR 2,999,927
STOKELY, CHRISTOPHER LEE 2,999,465
STOLTENJOHANNES, JURGEN 2,999,829
STONCIUS, TOMAS 2,999,598
STORM STRONG LLC 2,999,593
STOWERS, CHRISTOPHER C. 3,000,089
STREHL, LLC 2,999,993
STROMBERG, PATRIK 3,000,060
STROMBERG, PATRIK 3,000,289
STROMSOE, ROGER ARNOLD 2,999,808
SU, WEI 2,999,789
SUAREZ, KERWIN 2,999,471
SUBRAMANIAN, SUBRAMANIAN SANKARA 3,000,161
SUGIMOTO, TAKUYA 3,000,124
SULLIVAN, BRIAN T. 2,999,869
SULLIVAN, CARY JAMES 2,999,910
SUN, HAOPENG 3,000,040
SUN, HONG 3,000,306
SUN, JIRUN 2,999,985
SUN, YANG 3,000,042
SUNDA, TAKASHI 2,999,962
SUNHOUSE TECHNOLOGIES, INC. 2,999,839
SUNTORY HOLDINGS LIMITED 2,999,707
SURESH, RADHIKA 2,999,991
SURVI, UDAY KUMAR 3,000,225
SUTHERLIN, DANIEL 2,999,769
SUTLU, TOLGA 2,999,891
SUTOU, YASUHIRO 2,999,697
SUTTON, JOSEPH 2,999,688
SUVOROV, ALEKSANDR VALEREVICH 2,999,846
SUZUKI, AIKO 3,000,123
SUZUKI, AKIHIKO 3,000,319
SUZUKI, HIDEYUKI 2,999,707
SUZUKI, TETSUYA 2,999,982
SVENDSEN, ALLAN 2,999,534
SVENSSON GELIUS, STEFAN 3,000,060
SVENSSON GELIUS, STEFAN 3,000,289
SWANSON, TIMOTHY S. 3,000,205

SWARTZ, NICHOLAS ROBERT 2,999,757
SWATEK, ALEXANDER 2,999,927
SWEDISH ORPHAN BIOVITRUM AB (PUBL) 3,000,060
SWEDISH ORPHAN BIOVITRUM AB (PUBL) 3,000,289
SWM LUXEMBOURG SARL 2,999,651
SYCHEV, MAXIM BORISOVITCH 2,999,824
SYCHEV, MAXIM BORISOVITCH 2,999,826
SYCHEV, MAXIM BORISOVITCH 2,999,848
SYCHEV, MAXIM BORISOVITCH 2,999,872
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,999,804
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,999,952
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,999,954
SYNGENTA PARTICIPATIONS AG 3,000,018
SYSTEMAIR AB 2,999,598
TAHARA, MASAHIKO 2,999,812
TAKAHASHI, IKUO 3,000,327
TAKAHASHI, KAZUYUKI 2,999,689
TAKAHASHI, TAISUKE 3,000,431
TAKAHASHI, TATSUYA 3,000,114
TAKAKURA, NOBUYUKI 2,999,691
TAKARA, KAZUHIRO 2,999,691
TAKEDA, MIKAKO 2,999,835
TALBERT, WILLIAM L. 2,999,186
TALUKDAR, ARINDAM 2,999,852
TAMMEN, HARALD 2,999,930
TAN, XIAOLIANG 2,999,767
TANG, CHUNHE 2,999,588
TANG, LING FUNG 2,999,902
TANG, YAPING 2,999,588
TANIGUCHI, AKIRA 3,000,327
TATE & LYLE INGREDIENTS AMERICAS LLC 2,999,387
TAYLOR, JESSE WADE 2,999,893
TAYLOR, OLIVER PAUL 2,999,810
TAYLOR, TIMOTHY 2,999,871
TEICHMANN, KEITH 3,000,206
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,999,692
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,999,699
TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,999,912
TEPLYAKOV, ALEXEY 3,000,400
TERRAPOWER, LLC 2,999,894
TERRY, MARK S. 3,000,350
TEVA PHARMACEUTICALS INTERNATIONAL GMBH 2,999,809
TEZUKA, ATSUSHI 2,999,812
THALES 2,999,616
THARP, DAVID C. 2,999,988
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,000,010
THE CENTRE FOR DRUG RESEARCH AND DEVELOPMENT 3,000,242
THE CLIMATE CORPORATION 2,999,865
THE COCA-COLA COMPANY 2,999,767
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 3,000,313
THE HOSPITAL FOR SICK CHILDREN 3,000,117
THE MCLEAN HOSPITAL CORPORATION 3,000,232
THE PROCTER & GAMBLE COMPANY 2,995,393
THE PROCTER & GAMBLE COMPANY 2,999,729
THE PROCTER & GAMBLE COMPANY 2,999,745
THE PROCTER & GAMBLE COMPANY 2,999,779
THE PROCTER & GAMBLE COMPANY 3,000,226
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,999,177
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 3,000,389
THE SALK INSTITUTE FOR BIOLOGICAL STUDIES 3,000,431
THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS 2,999,862
THE UNIVERSITE DE MONTREAL 2,999,177
THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH 3,000,304
THE UNIVERSITY OF BRITISH COLUMBIA 3,000,242
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2,999,756
THE UNIVERSITY OF QUEENSLAND 3,000,089
THIEM, HANS-JURGEN 2,999,680
THOMAN, BRIAN 2,999,508
THOMAN, BRIAN 2,999,510
THOMAN, BRIAN 2,999,524
THOMAS, MEGAN 3,000,220
THOMAS, STEFAN 2,999,806
THOMPSON, PHILIP E. 3,000,032
THURSTON, GAVIN 3,000,209
THYSSENKRUPP AG 2,999,634
THYSSENKRUPP AG 3,000,068
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 3,000,068
THYSSENKRUPP STEEL EUROPE AG 2,999,634
TIAN, HUI 2,999,850
TIAN, MINMIN 2,999,921
TIESSEN, REIMER 3,000,276
TILARA, NAVIN 2,999,526
TIMBERLAKE, SONIA 2,999,917
TIPTON, SHANE A. 3,000,358
TIRRONEN, TUOMAS 2,999,692
TOBIN, JARED 2,999,770
TOCCHIO, ALESSANDRO 3,000,010
TOFT-STEARNS, ARIANNA 2,999,590
TOHOKU UNIVERSITY 2,999,682
TOKAREV, DMITRY NIKOLAEVICH 3,000,148
TOLGYESI, ZOLTAN 2,999,675
TOLMIE, CRAIG R. 3,000,210
TOMARI, ICHIRO 2,999,707
TOMULEWICZ, MIKOLAJ 2,991,034
TONKINSON, MYLES 2,999,471
TOPORAN, BOGDAN IONUT 3,000,001
TRAN, DIANA 3,000,178
TREIBER, DANIEL K. 2,995,351
TRIGONY, SEAN 2,999,508
TRIGONY, SEAN 2,999,510
TRIGONY, SEAN 2,999,524
TRIMMER, MARK S. 2,999,864
TRIPPEER, MICHAEL LEE 3,000,198
TROLDBORG, ANNE MARGRETHE 2,999,792
TROY-FIORAMONTI, STEPHANIE 2,999,617
TRUBETSKOY, VLADIMIR S. 3,000,397
TRUNDLE, STEPHEN SCOTT 3,000,005
TRUNDLE, STEPHEN SCOTT 3,000,035
TSENG, KUANG-CHING 3,000,196
TSINGHUA UNIVERSITY 2,999,588
TSUCHIYA, TERUMASA 2,999,812
TSUKAGOSHI, IKUO 2,999,684
TURANOV, ANTON 2,995,110
TURBERG, ANDREAS 2,999,790
TURNER, LOUIS 2,999,943
TURNER, PER 3,000,446
TURUNEN, JANNE JUHA 3,000,061
TYCO ELECTRONICS (SHANGHAI) CO., LTD. 2,999,960
UCB BIOPHARMA SPRL 2,999,929
UEDA, MICHIKO 3,000,116
ULLMAN, ERICA 3,000,209
ULLRICH, GEORGE 2,999,943
UNILEVER PLC 3,000,296
UNITED STATES GYPSUM COMPANY 2,999,966
UNIVERSAL CITY STUDIOS LLC 2,999,977
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO 2,999,787
UNIVERSITE CLAUDE BERNARD LYON 1 2,999,796
UNIVERSITE CLAUDE BERNARD LYON 1 3,000,058
UNIVERSITE DE BOURGOGNE 2,999,617
UNIVERSITE DE MONTREAL 3,000,201
UNIVERSITE DE NANTES 2,999,617
UNIVERSITE DE POITIERS 3,000,302

UNIVERSITE DU QUEBEC A MONTREAL 3,000,201
UNIVERSITY OF CALIFORNIA SAN DIEGO 3,000,192
UNIVERSITY OF COPENHAGEN 3,000,275
UNIVERSITY OF MASSACHUSETTS 2,995,110
UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,999,862
UNIVERSITY OF ROCHESTER 3,000,196
UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG 2,999,956
UNIVERSITY OF WASHINGTON 2,999,796
USOUND GMBH 3,000,054
USSIN, NICOLAI 2,999,471
VACUWORX GLOBAL, LLC 3,000,229
VAISANEN, ESA 2,999,798
VAJAPEYAM, MADHAVAN SRINIVASAN 3,000,345
VAKA, SIVA RAM KIRAN 3,000,418
VALTONEN, TUOMAS 2,999,642
VALUECORP PACIFIC, INCORPORATED 2,999,883
VAN ALMSICK, ANDREAS 2,999,853
VAN BELZEN, RUUD 3,000,393
VAN BOEYEN, ROGER 2,999,858
VAN DE POL, AART 2,999,938
VAN DER FLIER, ARJAN 2,994,547
VAN DER JEUGT, JASPER 2,999,770
VAN DIJK, PETER JOHANNES 3,000,131
VAN DIJK, PETER JOHANNES 3,000,133
VAN HOLTEN, ROBERT W. 3,000,361
VAN LEEUWEN, JOHANNES GUSTAAF ERNST 2,999,638
VAN METER, MATTHEW J. 3,000,358
VAN RENSBURG, RICHARD WILHELM JANSE 3,000,067
VARANASI, KRIPA K. 3,000,181
VARGAS, VICTOR 3,000,157
VARGEESE, CHANDRA 2,999,772
VASSILOVSKI, DAN 2,999,905
VAXXAS PTY LIMITED 2,999,538
VAYSMAN, ARTHUR 2,999,897
VAYSMAN, ARTHUR 2,999,901
VELEZ, MARIO FRANCISCO 2,999,507
VELKOV, TONY 3,000,032
VEMPATI, BRAHMANANDA R. 3,000,200
VEMPATI, BRAHMANANDA R. 3,000,202
VENTER, FRANCOIS 3,000,236
VENUS MEDTECH (HANGZHOU), INC. 3,000,424
VEOLIA WATER TECHNOLOGIES, INC. 2,999,857
VERDINE, GREGORY L. 2,999,772
VERMA, AJAY 2,999,873
VERNALIS (R&D) LIMITED 2,999,935
VERNALIS (R&D) LIMITED 2,999,937
VERSTEGGE, CHRISTIAN 2,999,788
VICKTORIUS, WINFRIED 3,000,287
VIG, AKSHAT 3,000,161
VIGNEAULT, FRANCOIS 2,999,885
VIGNEAULT, FRANCOIS 2,999,886
VIGNEAULT, FRANCOIS 2,999,888
VIGNEAULT, FRANCOIS 2,999,917
VILINSKA, ANNAMARIA 2,999,966
VINCELETTE, SCOTT 2,999,749
VIOLA, PAUL 2,999,867
VIRGILI-BERNADO, MARINA 2,999,925
VIRGILI-BERNADO, MARINA 2,999,940
VISCONTI, ENRICO 2,999,854
VISION EASE, LP 2,999,997
VISSERS, MAARTEN P.J. 2,999,789
VIZEL, MOTY 3,000,316
VOISIN, FLORIANDRE 2,999,643
VON ROSSUM, ANNA 3,000,242
VORBERG, GERALD 3,000,037
VORBERG, GERALD 3,000,274
VORDE, PAR 3,000,446
VYCELLIX, INC. 2,999,891
WAAIJENBERG, ALBERT 2,999,938
WAHMES, LUKAS 2,999,601
WAIT, ERIC CHARLES 3,000,456
WAKEFIELD, DARREN H 3,000,397
WALDRAFF, CHRISTIAN 2,999,853
WALL, IAN DAVID 2,999,379
WALMART APOLLO, LLC 2,999,759
WALMSLEY, DAVID 2,999,935
WALMSLEY, DAVID 2,999,937
WALTER, HELMUT 3,000,056
WALTER, RICHARD E. 3,000,174
WALTER, RICHARD E. 3,000,177
WANG, CHANGYU 3,000,386
WANG, GANG 3,000,219
WANG, HONGWU 2,999,862
WANG, JIANBIN 3,000,187
WANG, JIANQIAO 3,000,239
WANG, JUNFENG 2,999,960
WANG, KAILIANG 2,999,785
WANG, LI-SHENG 2,999,864
WANG, RAINEY YU 3,000,151
WANG, RENQIU 3,000,345
WANG, TAO 2,999,769
WANG, XIAOFENG 3,000,345
WANG, YING 2,999,589
WATANABE, HIROSHI 2,999,955
WATANABE, HIROSHI 3,000,110
WATANABE, ICHIRO 2,999,819
WATANABE, KEI 2,999,682
WATANABE, MUNEMITSU 2,999,812
WATANABE, NORIO 3,000,124
WATSON, ROBERT J. 2,999,379
WATTS, GILES FRANCES TANFIELD 2,999,760
WAVE LIFE SCIENCES LTD. 2,999,772
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